

[

**API Reference](<https://www.nutanix.dev/api-reference/>)**

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[API docs by Redocly](#)

## Nutanix Prism API Reference (v2.0)

Download OpenAPI specification:[Download](#)

URL: <http://www.nutanix.com> License: [EULA](#)

### Introduction

The Nutanix REST APIs allow you to create scripts that run system administration commands against the Nutanix cluster. The API enables the use of HTTP requests to get information about the cluster as well as make changes to the configuration. Output from the API calls are returned in JSON format.

All API users should have valid Prism login credentials to send API calls to the Prism server. APIs on nutanix.dev portal are publicly available to all valid users without special permissions for viewing purposes.

The v2 API is an update of the v1 API. Users of the v1 API are encouraged to migrate to v2.

[Nutanix API versions – What are they and what does each one do?](#)

### /alerts

#### Acknowledge Alert.

Acknowledge Alert with the specified Id.

#### path Parameters

| | | | --- | --- | | id required | string Alert Id |

#### Responses

##### 200

Successful operation

post/alerts/{id}/acknowledge

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/alerts/{id}/acknowledge](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/{id}/acknowledge)

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/{id}/acknowledge \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
'''
```

#### Response samples

- 200

Content type



application/json

Copy

```
`{
  • "id": "string",
  • "message": "string",
  • "successful": true
}`
```

Acknowledge Alerts.

Acknowledge alerts using a filter criteria.

query Parameters

||| --- | --- || start\_time\_in\_usecs | integer Start time in microseconds || end\_time\_in\_usecs | integer End time in microseconds || severity | string Severity || impact\_types | string Impact Type of alerts || classifications | string Classification of alerts || entity\_type | string Entity Type || entity\_type\_ids | string Entity Type Ids || count | integer Maximum number of alerts |

Responses

200

Successful operation

500

Any internal exception while performing this operation

post/alerts/acknowledge

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/alerts/acknowledge

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/acknowledge \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "alert_status_list": [
  • {
    • "id": "string",
    • "message": "string",
```

- "successful": true}],
- "num\_failed\_updates": 0,
- "num\_successful\_updates": 0

}`

## Create a new User Defined Alert Policy

Create a new User Defined Alert Policy.

### Request Body schema: application/json required

New User Defined Alert Policy

||| |---|---|| auto\_resolve | boolean || created\_by | string || description | string || enabled | boolean || error\_on\_conflict | boolean || filter | string || id | string || impact\_types | Array of strings || last\_updated\_timestamp\_in\_usecs | integer || policies\_to\_override | Array of strings || related\_policies | Array of objects (create.dto.alerts.AlertPolicyDTO\_RelatedPolicies) || title | string || trigger\_conditions | Array of objects (create.dto.alerts.AlertPolicyDTO\_TriggerCondition) || trigger\_wait\_period\_in\_secs | integer |

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation

post/alerts/policies

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \
--url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies \
--header 'Accept: application/json' \
--header 'Content-Type: application/json' \
--data '{ "auto_resolve": true, "created_by": "string", "description": "string", "enabled": true, "error_on_conflict": true, "filter": "string", "id": "string", "impact_types": [ "string" ], "last_updated_timestamp_in_usecs": 0, "policies_to_override": [ "string" ], "related_policies": [ { "entity_uuid": "string", "policy_ids": [ "string" ] } ], "title": "string", "trigger_conditions": [ { "condition": "string", "condition_type": "STATIC_THRESHOLD", "severity_level": "CRITICAL" } ], "trigger_wait_period_in_secs": 0 }'
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "auto\_resolve": true,
- "created\_by": "string",
- "description": "string",
- "enabled": true,

- "error\_on\_conflict": true,
- "filter": "string",
- "id": "string",
- "impact\_types": [
- "string"],
- "last\_updated\_timestamp\_in\_usecs": 0,
- "policies\_to\_override": [
- "string"],
- "related\_policies": [
- {
- "entity\_uuid": "string",
- "policy\_ids": [
- "string"]}],
- "title": "string",
- "trigger\_conditions": [
- {
- "condition": "string",
- "condition\_type": "STATIC\_THRESHOLD",
- "severity\_level": "CRITICAL"}],
- "trigger\_wait\_period\_in\_secs": 0

```
}`
```

## Delete the specified User Defined Alert Policy

Delete the specified User Defined Alert Policy

### path Parameters

| | | | --- | --- | | policy\_id required | string Alert Policy ID |

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation

delete/alerts/policies/{policy\_id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies/{policy\_id}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies/{policy_id} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": true
}`
```

Get all User Defined Alert Policies

Get all User Defined Alert Policies

query Parameters

| | | | --- | --- | | entity\_type | string Entity type | | entity\_ids | string Entity ids |

Responses

200

Successful operation

500

Any internal exception while performing this operation

get/alerts/policies

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies \ --header 'Accept: application/json' \ --header
'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "entities": [
  • {
    • "auto_resolve": true,
    • "created_by": "string",
    • "description": "string",
    • "enabled": true,
    • "error_on_conflict": true,
    • "filter": "string",
```

```

    • "id": "string",
    • "impact_types": [
    • "string"],
    • "last_updated_timestamp_in_usecs": 0,
    • "policies_to_override": [
    • "string"],
    • "related_policies": [
    • {
        • "entity_uuid": "string",
        • "policy_ids": [
        • "string"]}],
    • "title": "string",
    • "trigger_conditions": [
    • {
        • "condition": "string",
        • "condition_type": "STATIC_THRESHOLD",
        • "severity_level": "CRITICAL"}],
    • "trigger_wait_period_in_secs": 0}],
    • "error_info": {
    • "count": 0,
    • "entity_list": [
        • "string"],
    • "message": "string"},
    • "metadata": {
    • "count": 0,
    • "end_index": 0,
    • "filter_criteria": "string",
    • "grand_total_entities": 0,
    • "next_cursor": "string",
    • "page": 0,
    • "previous_cursor": "string",
    • "search_string": "string",
    • "sort_criteria": "string",
    • "start_index": 0,
    • "total_entities": 0}
}
`

```

## Get the Alert configuration.

Get the configuration that is used to send Alert emails.

### Responses

#### 200

Successful operation

get/alerts/configuration

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/alerts/configuration](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/configuration)

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/configuration \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "default_nutanix_email": "string",
  • "email_config_rules": [
  • {
    • "categories": [
    • "string"],
    • "cluster_uuids": [
    • "string"],
    • "impact_types": [
    • "string"],
    • "include_global_email_contact_list": true,
    • "match_phrases": [
    • "string"],
    • "recipients": [
    • "string"],
    • "severities": [
    • "string"]]],
  • "email_contact_list": [
  • "string"],
  • "email_template": {
  • "body_suffix": "string",
  • "subject_prefix": "string"},
  • "enable": true,
  • "enable_default_nutanix_email": true,
  • "enable_email_digest": true,
  • "skip_empty_alert_email_digest": true,
  • "smtp_server": {
  • "address": "string",
  • "email_status": {
    • "last_changed_time_stamp_usecs": 0,
    • "last_checked_time_stamp_usecs": 0,
    • "last_successful_transmission_time_stamp_usecs": 0,
    • "message": {
    • "attributes": {
      • "property1": "string",
      • "property2": "string"},
    • "message": "string"},
    • "status": "SUCCESS"},
  • "from_email_address": "string",
  • "password": "string",
  • "port": 0,
  • "secure_mode": "STARTTLS",
  • "server_address": {
    • "hostname": "string",
    • "inet_address": {
```

- "empty": {
  - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "value": null},
- "value": {
  - "\$assertions\_disabled": true,
  - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "address\_cache\_init": true,
  - "cache\_lock": { },
  - "cache\_time": 0,
  - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "canonical\_host\_name": "string",
  - "fields\_offset": 0,
  - "holder": {
  - "address": 0,
  - "family": 0,
  - "host\_name": "string",
  - "original\_host\_name": "string"},
  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
  - "property1": null,
  - "property2": null},
  - "max\_cache\_time": 0,
  - "name\_services": [
  - { }],
  - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "prefer\_ipv6\_address": true,
  - "serial\_persistent\_fields": [
  - {
    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
    - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "annotation": 0,
    - "annotation\_data": {
      - "annotations": {
      - "property1": null,
      - "property2": null},
      - "declared\_annotations": {
      - "property1": null,
      - "property2": null},
      - "redefined\_count": 0},
    - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "class\_redefined\_count": 0,
    - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "enum": 0,
    - "enum\_constant\_directory": {
      - "property1": null,
      - "property2": null},
      - "enum\_constants": null,
      - "generic\_info": {

- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
- null],
- "superclass": { }},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
  - "clock": 0,
  - "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "username": "string"},
- "tunnel\_details": {
- "connection\_status": {
  - "last\_changed\_time\_stamp\_usecs": 0,
  - "last\_checked\_time\_stamp\_usecs": 0,
  - "last\_successful\_transmission\_time\_stamp\_usecs": 0,
- "message": {
- "attributes": {
  - "property1": "string",



- "property2": "string"},
- "message": "string"},
- "status": "SUCCESS"},
- "http\_proxy": {
  - "address": "string",
  - "address\_value": {
  - "hostname": "string",
  - "inet\_address": {
    - "empty": {
    - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "value": null},
    - "value": {
    - "\$assertions\_disabled": true,
    - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "address\_cache\_init": true,
    - "cache\_lock": { },
    - "cache\_time": 0,
    - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "canonical\_host\_name": "string",
    - "fields\_offset": 0,
    - "holder": {
      - "address": 0,
      - "family": 0,
      - "host\_name": "string",
      - "original\_host\_name": "string"},
      - "impl": { },
      - "ipv4": 0,
      - "ipv6": 0,
      - "lookup\_table": {
        - "property1": null,
        - "property2": null},
        - "max\_cache\_time": 0,
        - "name\_services": [
          - { }],
          - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "prefer\_ipv6\_address": true,
          - "serial\_persistent\_fields": [
            - {
            - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
            - "name": "string",
            - "offset": 0,
            - "signature": "string",
            - "type": {
              - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
              - "annotation": 0,
              - "annotation\_data": {
              - "annotations": { },
              - "declared\_annotations": { },
              - "redefined\_count": null},
              - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
              - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
              - "class\_redefined\_count": 0,
              - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
              - "enum": 0,
              - "enum\_constant\_directory": {

- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": null,
- "super\_interfaces": [ ],
- "superclass": null},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": null,
- "timestamp": null},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
- null],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true)],
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "name": "string",
- "password": "string",
- "port": 65536,
- "proxy\_types": [
- "HTTP"],

```

    • "username": "string"},
  • "service_center": {
    • "ip_address": "string",
    • "name": "string",
    • "port": 65536,
    • "username": "string"},
  • "transport_status": {
    • "last_changed_time_stamp_usecs": 0,
    • "last_checked_time_stamp_usecs": 0,
    • "last_successful_transmission_time_stamp_usecs": 0,
    • "message": {
    • "attributes": {
      • "property1": "string",
      • "property2": "string"},
    • "message": "string"},
    • "status": "SUCCESS"}}
}
`

```

## Get the list of Alerts.

Get the list of Alerts generated in the cluster.

### query Parameters

||| | --- | --- || start\_time\_in\_usecs | integer Start time in microseconds || end\_time\_in\_usecs | integer End time in microseconds || count | integer Maximum number of alerts || resolved | boolean Alerts which have been resolved || auto\_resolved | boolean Alerts which have been auto resolved || acknowledged | boolean Alerts which have been acknowledged || severity | string Alert severities || alert\_type\_uuid | string Alert type ids || page | integer Page number || entity\_type | string Entity type || entity\_ids | string Entity ids || impact\_types | string Impact Types || classification | string Classification || alert\_ids | string Alert ids || get-causes | boolean Get causes || detailed\_info | boolean Get detailed info |

### header Parameters

||| | --- | --- || clusterUuid | string |

## Responses

### 200

Successful operation

get/alerts

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/alerts](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts)

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --header 'clusterUuid: string' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
  - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
        - "entity\_name": "string",
        - "entity\_type": "string",
        - "entity\_type\_display\_name": "string",
        - "id": "string",
        - "uuid": "string"}],
    - "alert\_details": {
    - "metric\_details": [
      - {
        - "comparison\_operator": "string",
        - "condition\_type": "STATIC\_THRESHOLD",
        - "data\_type": "LONG",
        - "entity\_id": "string",
        - "entity\_type": "string",
        - "metric\_category": "string",
        - "metric\_display\_name": "string",
        - "metric\_name": "string",
        - "metric\_value\_details": [
          - {
            - "metric\_threshold\_value": "string",
            - "metric\_value": "string",
            - "state\_change\_time\_stamp\_in\_usecs": 0}},
        - "unit": "string"}],
      - "severity\_trails": [
        - {
          - "severity": "string",
          - "severity\_change\_timestamp\_in\_usecs": 0}}],
        - "alert\_title": "string",
        - "alert\_type\_uuid": "string",
        - "auto\_resolved": true,
        - "categories": [
          - "string"],
        - "check\_id": "string",
        - "classifications": [
          - "string"],
        - "cluster\_uuid": "string",
        - "context\_types": [
          - "string"],
        - "context\_values": [
          - "string"],
        - "created\_time\_stamp\_in\_usecs": 0,
        - "detailed\_message": "string",
        - "entity\_ids": [
          - "string"],
        - "entity\_types": [
          - "string"],
        - "entity\_uuids": [
          - "string"],

- "id": "string",
- "impact": "string",
- "impact\_types": [
- "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
- {
  - "actions": "string",
  - "additional\_links": "string",
  - "alert\_namespace": "string",
  - "cause": "string",
  - "chart\_queries": {
  - "entities": [
    - {
      - "actions": "string",
      - "alerts": "string",
      - "cadmus": "string",
      - "entities": "string",
      - "help": "string",
      - "metadata": {
        - "entity\_type": "PAGE",
        - "filters": [
          - null],
          - "instances": [
            - null],
            - "title": "string"},
        - "perspectives": [
          - {
            - "format": null,
            - "metadata": null,
            - "query": null,
            - "result": null,
            - "type": null}}}],
  - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
      - "message": "string"},
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}},
  - "details": "string",
  - "has\_global\_details": true,
  - "id": "string",
  - "num\_resolved\_count": 0,
  - "parent\_cause\_id": "string",

```

      • "title": "string",
      • "troubleshooting_steps": "string"]],
    • "resolved": true,
    • "resolved_by_username": "string",
    • "resolved_time_stamp_in_usecs": 0,
    • "service_vmid": "string",
    • "severity": "string",
    • "user_defined": true}],
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}
`

```

## Get the User Defined Alert Policy

Get the User Defined Alert Policy

### path Parameters

| | | | --- | --- | | policy\_id required | string Alert Policy ID |

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation

get/alerts/policies/{policy\_id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies/{policy\_id}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies/{policy_id} \ --header 'Accept: application/json' \ --header
'Content-Type: application/json' \
```

```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "auto_resolve": true,
  • "created_by": "string",
  • "description": "string",
  • "enabled": true,
  • "error_on_conflict": true,
  • "filter": "string",
  • "id": "string",
  • "impact_types": [
  • "string"],
  • "last_updated_timestamp_in_usecs": 0,
  • "policies_to_override": [
  • "string"],
  • "related_policies": [
  • {
    • "entity_uuid": "string",
    • "policy_ids": [
    • "string"]}],
  • "title": "string",
  • "trigger_conditions": [
  • {
    • "condition": "string",
    • "condition_type": "STATIC_THRESHOLD",
    • "severity_level": "CRITICAL"}],
  • "trigger_wait_period_in_secs": 0
}
```

Modify the Alert configuration.

Modify the configuration that is used to send Alert emails.

Request Body schema: application/json required

new Alert configuration.

||| --- | --- || cluster\_uuid | string | | generic\_dto | object (patch.dto.appliance.configuration.AlertConfigDTO) DTO representing the configuration of alerts | | operation | string |

Responses

200

Successful operation

patch/alerts/configuration

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/alerts/configuration

Request samples

- cURL
- Wget
- Python

- Go
- Java
- JavaScript

Copy

```
curl --request PATCH \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/configuration \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid": "string",
"generic_dto": { "default_nutanix_email": "string", "email_config_rules": [ { "categories": [ "string" ],
"cluster_uuids": [ "string" ], "impact_types": [ "string" ], "include_global_email_contact_list": true,
"match_phrases": [ "string" ], "recipients": [ "string" ], "severities": [ "string" ] } ], "email_contact_list": [
"string" ], "email_template": { "body_suffix": "string", "subject_prefix": "string" }, "enable": true,
"enable_default_nutanix_email": true, "enable_email_digest": true, "skip_empty_alert_email_digest": true,
"smtp_server": { "address": "string", "email_status": { "last_changed_time_stamp_usecs": 0,
"last_checked_time_stamp_usecs": 0, "last_successful_transmission_time_stamp_usecs": 0, "message": { "attributes": {
"property1": "string", "property2": "string" }, "message": "string" }, "status": "SUCCESS" }, "from_email_address":
"string", "password": "string", "port": 0, "secure_mode": "STARTTLS", "server_address": { "hostname": "string",
"inset_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec file that can be
downloaded from the documentation for more information.", "value": null }, "value": { "$assertions_disabled": true,
"address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "address_cache_init": true, "cache_lock": {}, "cache_time": 0,
"cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "canonical_host_name": "string", "fields_offset": 0, "holder": { "address": 0,
"family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup_table":
{ "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ], "negative_cache": "This API
contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.", "name":
"string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a circular reference,
Refer to the spec file that can be downloaded from the documentation for more information.", "annotation": 0,
"annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": { "property1": {},
"property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "cached_constructor": "This API
contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": {
"property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"super_interfaces": [ {} ], "superclass": {} }, "initiated": true, "name": "string", "new_instance_caller_cache": "This
API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "reflection_data": { "clock": 0, "timestamp": 0 }, "reflection_factory": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded
from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ],
"unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information." ], "unsafe": { "address_size": 0, "array_boolean_base_offset": 0,
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### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

{

- "default\_nutanix\_email": "string",
- "email\_config\_rules": [
  - {
    - "categories": [
      - "string"],
    - "cluster\_uuids": [
      - "string"],
    - "impact\_types": [
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    - "match\_phrases": [
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    - "recipients": [
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    - "severities": [
      - "string"]],
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    - "enable": true,

- "enable\_default\_nutanix\_email": true,
- "enable\_email\_digest": true,
- "skip\_empty\_alert\_email\_digest": true,
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- "email\_status": {
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  - "last\_checked\_time\_stamp\_usecs": 0,
  - "last\_successful\_transmission\_time\_stamp\_usecs": 0,
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  - "attributes": {
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    - "property2": "string"},
    - "message": "string",
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  - "holder": {
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  - "family": 0,
  - "host\_name": "string",
  - "original\_host\_name": "string"},
  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
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  - "property2": null},
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  - "name\_services": [
  - { },
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    - "offset": 0,
    - "signature": "string",
    - "type": {

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  - "property2": null},
  - "declared\_annotations": {
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  - "property2": null},
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- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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  - "property2": null},
- "enum\_constants": null,
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  - null],
  - "superclass": { }},
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- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
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- "array\_short\_index\_scale": 0,
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- "ipv6": "string",
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- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "username": "string"},
- "tunnel\_details": {
- "connection\_status": {
- "last\_changed\_time\_stamp\_usecs": 0,
- "last\_checked\_time\_stamp\_usecs": 0,
- "last\_successful\_transmission\_time\_stamp\_usecs": 0,
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- "property2": "string"},
- "message": "string"},
- "status": "SUCCESS"},
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- "address": "string",
- "address\_value": {
- "hostname": "string",
- "inet\_address": {
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- "value": {
- "\$assertions\_disabled": true,
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- "address\_cache\_init": true,
- "cache\_lock": { },
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- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",

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  - "offset": 0,
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    - "declared\_annotations": { },
    - "redefined\_count": null},
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    - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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    - "enum\_constant\_directory": {
    - "property1": null,
    - "property2": null},
    - "enum\_constants": null,
    - "generic\_info": {
    - "none": null,
    - "super\_interfaces": [ ],
    - "superclass": null},
    - "initted": true,
    - "name": "string",
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    - "reflection\_data": {
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    - "timestamp": null},
    - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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    - "unshared": true}},
- "unknown\_array": [
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- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
  - "root\_logger\_name": "string",
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string",
- "name": "string",
- "password": "string",
- "port": 65536,
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- "username": "string"},
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  - "name": "string",
  - "port": 65536,
  - "username": "string"},
- "transport\_status": {
  - "last\_changed\_time\_stamp\_usecs": 0,
  - "last\_checked\_time\_stamp\_usecs": 0,
  - "last\_successful\_transmission\_time\_stamp\_usecs": 0,
  - "message": {
  - "attributes": {
    - "property1": "string",
    - "property2": "string"},
    - "message": "string",
    - "status": "SUCCESS"}}

}

## post/alerts/policies/conflicting\_policies/getConflictingPolicies

**Request Body schema: application/json**

||| |---|---| | auto\_resolve | boolean | | created\_by | string | | description | string | | enabled | boolean | | error\_on\_conflict | boolean | | filter | string | | id | string | | impact\_types | Array of strings | | last\_updated\_timestamp\_in\_usecs | integer | | policies\_to\_override | Array of strings | | related\_policies | Array of objects (create.dto.alerts.AlertPolicyDTO\_RelatedPolicies) | | title | string | | trigger\_conditions | Array of objects (create.dto.alerts.AlertPolicyDTO\_TriggerCondition) | | trigger\_wait\_period\_in\_secs | integer |

## Responses

**200**

Successful operation

post/alerts/policies/conflicting\_policies

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies/conflicting\\_policies](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies/conflicting_policies)

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies/conflicting_policies \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \ --data '{ "auto_resolve": true, "created_by": "string",
"description": "string", "enabled": true, "error_on_conflict": true, "filter": "string", "id": "string",
"impact_types": [ "string" ], "last_updated_timestamp_in_usecs": 0, "policies_to_override": [ "string" ],
"related_policies": [ { "entity_uuid": "string", "policy_ids": [ "string" ] } ], "title": "string",
"trigger_conditions": [ { "condition": "string", "condition_type": "STATIC_THRESHOLD", "severity_level": "CRITICAL" }
], "trigger_wait_period_in_secs": 0 }'
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "entities": [
    {
      "auto_resolve": true,
      "created_by": "string",
      "description": "string",
      "enabled": true,
      "error_on_conflict": true,
      "filter": "string",
      "id": "string",
      "impact_types": [
        "string"
      ],
      "last_updated_timestamp_in_usecs": 0,
      "policies_to_override": [
        "string"
      ],
      "related_policies": [
        {
          "entity_uuid": "string",
          "policy_ids": [
            "string"
          ]
        }
      ],
      "title": "string",
      "trigger_conditions": [
        {
          "condition": "string",
          "condition_type": "STATIC_THRESHOLD",
          "severity_level": "CRITICAL"
        }
      ],
      "trigger_wait_period_in_secs": 0
    }
  ],
  "error_info": {
    "count": 0,
    "entity_list": [
      "string"
    ],
    "message": "string",
    "metadata": {
```

- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

}`

## Resolve Alert.

Resolve Alert with the specified Id.

### path Parameters

| | | | --- | --- | | id required | string Alert Id |

### Responses

#### 200

Successful operation

post/alerts/{id}/resolve

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/alerts/{id}/resolve

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/{id}/resolve \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "id": "string",
- "message": "string",
- "successful": true

```
`}
```

## Resolve Alerts.



Resolve alerts using a filter criteria.

query Parameters

||| |---|---|| start\_time\_in\_usecs | integer Start time in microseconds || end\_time\_in\_usecs | integer End time in microseconds || severity | string Severity || impact\_types | string Impact Type of alerts || classifications | string Classifications of alerts || entity\_type | string Entity Type || entity\_type\_ids | string Entity Type Ids || count | integer Maximum number of alerts |

Responses

200

Successful operation

500

Any internal exception while performing this operation

post/alerts/resolve

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/alerts/resolve

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/resolve \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "alert_status_list": [
    {
      "id": "string",
      "message": "string",
      "successful": true}],
  "num_failed_updates": 0,
  "num_successful_updates": 0
}
```

Update a User Defined Alert Policy

Update a User Defined Alert Policy.

Request Body schema: application/json required

Alert Policy with updated configurations

||| |---| --- || auto\_resolve | boolean || created\_by | string || description | string || enabled | boolean || error\_on\_conflict | boolean || filter | string || id | string || impact\_types | Array of strings || last\_updated\_timestamp\_in\_usecs | integer || policies\_to\_override | Array of strings || related\_policies | Array of objects (update.dto.alerts.AlertPolicyDTO\_RelatedPolicies) || title | string || trigger\_conditions | Array of objects (update.dto.alerts.AlertPolicyDTO\_TriggerCondition) || trigger\_wait\_period\_in\_secs | integer |

Responses

200

Successful operation

500

Any internal exception while performing this operation

put/alerts/policies

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/policies \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "auto_resolve": true, "created_by": "string", "description": "string", "enabled": true, "error_on_conflict": true, "filter": "string", "id": "string", "impact_types": [ "string" ], "last_updated_timestamp_in_usecs": 0, "policies_to_override": [ "string" ], "related_policies": [ { "entity_uuid": "string", "policy_ids": [ "string" ] } ], "title": "string", "trigger_conditions": [ { "condition": "string", "condition_type": "STATIC_THRESHOLD", "severity_level": "CRITICAL" } ], "trigger_wait_period_in_secs": 0 }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "auto_resolve": true,
  "created_by": "string",
  "description": "string",
  "enabled": true,
  "error_on_conflict": true,
  "filter": "string",
  "id": "string",
  "impact_types": [
    "string"
  ],
  "last_updated_timestamp_in_usecs": 0,
  "policies_to_override": [
    "string"
  ],
  "related_policies": [
    {
      "entity_uuid": "string",
      "policy_ids": [
```

- "string"]}],
- "title": "string",
- "trigger\_conditions": [
- {
  - "condition": "string",
  - "condition\_type": "STATIC\_THRESHOLD",
  - "severity\_level": "CRITICAL"]],
  - "trigger\_wait\_period\_in\_secs": 0

```
}`
```

## Update the Alert configuration.

Update the configuration that is used to send Alert emails.

### Request Body schema: application/json required

new Alert configuration.

```
||| |---| --- || default_nutanix_email | string || email_config_rules | Array of objects (update.dto.appliance.configuration.AlertConfigDTO_EmailConfigurationRule)
|| email_contact_list | Array of strings || email_template | object (update.dto.appliance.configuration.AlertConfigDTO_EmailTemplate) || enable | boolean ||
enable_default_nutanix_email | boolean || enable_email_digest | boolean || skip_empty_alert_email_digest | boolean || smtp_server | object
(update.dto.appliance.configuration.SmtServerDTO) || tunnel_details | object (update.dto.appliance.configuration.RemoteTunnelDetailsDTO) |
```

## Responses

### 200

Successful operation

put/alerts/configuration

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/alerts/configuration](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/configuration)

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

### Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/alerts/configuration \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "default_nutanix_email": "string",
"email_config_rules": [ { "categories": [ "string" ], "cluster_uuids": [ "string" ], "impact_types": [ "string" ],
"include_global_email_contact_list": true, "match_phrases": [ "string" ], "recipients": [ "string" ], "severities": [
"string" ] } ], "email_contact_list": [ "string" ], "email_template": { "body_suffix": "string", "subject_prefix":
"string" }, "enable": true, "enable_default_nutanix_email": true, "enable_email_digest": true,
"skip_empty_alert_email_digest": true, "smtp_server": { "address": "string", "email_status": {
"last_changed_time_stamp_usecs": 0, "last_checked_time_stamp_usecs": 0,
"last_successful_transmission_time_stamp_usecs": 0, "message": { "attributes": { "property1": "string", "property2":
"string" }, "message": "string" }, "status": "SUCCESS" }, "from_email_address": "string", "password": "string", "port":
0, "secure_mode": "STARTTLS", "server_address": { "hostname": "string", "inet_address": { "empty": { "empty": "This API
contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "value": null }, "value": { "$assertions_disabled": true, "address_cache": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"address_cache_init": true, "cache_lock": {}, "cache_time": 0, "cached_local_host": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"canonical_host_name": "string", "fields_offset": 0, "holder": { "address": 0, "family": 0, "host_name": "string",
"original_host_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup_table": { "property1": {}, "property2": {}
}, "max_cache_time": 0, "name_services": [ {} ] }, "negative_cache": "This API contains a circular reference, Refer to
the spec file that can be downloaded from the documentation for more information.", "prefer_ipv6_address": true,
"serial_persistent_fields": [ { "field": "This API contains a circular reference, Refer to the spec file that can be
downloaded from the documentation for more information.", "name": "string", "offset": 0, "signature": "string", "type":
{ "all_perm_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
```

```
documentation for more information.", "annotation": 0, "annotation_data": { "annotations": { "property1": {},
"property2": {} }, "declared_annotations": { "property1": {}, "property2": {} }, "redefined_count": 0 },
"annotation_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "cached_constructor": "This API contains a circular reference, Refer to the spec
file that can be downloaded from the documentation for more information.", "class_redefined_count": 0,
"class_value_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "enum": 0, "enum_constant_directory": { "property1": {}, "property2": {} },
"enum_constants": null, "generic_info": { "none": "This API contains a circular reference, Refer to the spec file that
can be downloaded from the documentation for more information.", "super_interfaces": [ {} ], "superclass": {} },
"initiated": true, "name": "string", "new_instance_caller_cache": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "reflection_data": { "clock": 0,
"timestamp": 0 }, "reflection_factory": "This API contains a circular reference, Refer to the spec file that can be
downloaded from the documentation for more information.", "serial_persistent_fields": [ "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "synthetic":
0, "use_caches": true }, "unshared": true } ], "unknown_array": [ "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information." ], "unsafe": { "address_size": 0,
"array_boolean_base_offset": 0, "array_boolean_index_scale": 0, "array_byte_base_offset": 0, "array_byte_index_scale":
0, "array_char_base_offset": 0, "array_char_index_scale": 0, "array_double_base_offset": 0, "array_double_index_scale":
0, "array_float_base_offset": 0, "array_float_index_scale": 0, "array_int_base_offset": 0, "array_int_index_scale": 0,
"array_long_base_offset": 0, "array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0,
"array_short_base_offset": 0, "array_short_index_scale": 0, "invalid_field_offset": 0, "the_unsafe": "This API contains
a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." } }
}, "ipv4": "string", "ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string",
"subnet": "string", "subnet_sep": "string" }, "username": "string" }, "tunnel_details": { "connection_status": {
"last_changed_time_stamp_usecs": 0, "last_checked_time_stamp_usecs": 0,
"last_successful_transmission_time_stamp_usecs": 0, "message": { "attributes": { "property1": "string", "property2":
"string" }, "message": "string" }, "status": "SUCCESS" }, "http_proxy": { "address": "string", "address_value": {
"hostname": "string", "inet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec
file that can be downloaded from the documentation for more information.", "value": null }, "value": {
"assertions_disabled": true, "address_cache": "This API contains a circular reference, Refer to the spec file that can
be downloaded from the documentation for more information.", "address_cache_init": true, "cache_lock": {},
"cache_time": 0, "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be
downloaded from the documentation for more information.", "canonical_host_name": "string", "fields_offset": 0,
"holder": { "address": 0, "family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0,
"ipv6": 0, "lookup_table": { "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ],
"negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API
contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "name": "string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a
circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"annotation": 0, "annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": {
"property1": {}, "property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference,
Refer to the spec file that can be downloaded from the documentation for more information.", "cached_constructor":
"This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": {
"property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"super_interfaces": [ {} ], "superclass": {} }, "initiated": true, "name": "string", "new_instance_caller_cache": "This
API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "reflection_data": { "clock": 0, "timestamp": 0 }, "reflection_factory": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded
from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ],
"unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information." ], "unsafe": { "address_size": 0, "array_boolean_base_offset": 0,
"array_boolean_index_scale": 0, "array_byte_base_offset": 0, "array_byte_index_scale": 0, "array_char_base_offset": 0,
"array_char_index_scale": 0, "array_double_base_offset": 0, "array_double_index_scale": 0, "array_float_base_offset":
0, "array_float_index_scale": 0, "array_int_base_offset": 0, "array_int_index_scale": 0, "array_long_base_offset": 0,
"array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0, "array_short_base_offset":
0, "array_short_index_scale": 0, "invalid_field_offset": 0, "the_unsafe": "This API contains a circular reference,
Refer to the spec file that can be downloaded from the documentation for more information." } } }, "ipv4": "string",
"ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string", "subnet": "string",
"subnet_sep": "string" }, "name": "string", "password": "string", "port": 0, "proxy_types": [ "string" ], "username":
"string" }, "service_center": { "ip_address": "string", "name": "string", "port": 0, "username": "string" },
"transport_status": { "last_changed_time_stamp_usecs": 0, "last_checked_time_stamp_usecs": 0,
"last_successful_transmission_time_stamp_usecs": 0, "message": { "attributes": { "property1": "string", "property2":
"string" }, "message": "string" }, "status": "SUCCESS" } } }
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "default\_nutanix\_email": "string",
  - "email\_config\_rules": [
    - {
      - "categories": [
        - "string"],
      - "cluster\_uuids": [
        - "string"],
      - "impact\_types": [
        - "string"],
      - "include\_global\_email\_contact\_list": true,
      - "match\_phrases": [
        - "string"],
      - "recipients": [
        - "string"],
      - "severities": [
        - "string"]],
  - "email\_contact\_list": [
    - "string"],
  - "email\_template": {
    - "body\_suffix": "string",
    - "subject\_prefix": "string"},
  - "enable": true,
  - "enable\_default\_nutanix\_email": true,
  - "enable\_email\_digest": true,
  - "skip\_empty\_alert\_email\_digest": true,
  - "smtp\_server": {
    - "address": "string",
  - "email\_status": {
    - "last\_changed\_time\_stamp\_usecs": 0,
    - "last\_checked\_time\_stamp\_usecs": 0,
    - "last\_successful\_transmission\_time\_stamp\_usecs": 0,
    - "message": {
      - "attributes": {
        - "property1": "string",
        - "property2": "string"},
      - "message": "string",
      - "status": "SUCCESS",
- "from\_email\_address": "string",
- "password": "string",
- "port": 0,
- "secure\_mode": "STARTTLS",
- "server\_address": {
  - "hostname": "string",
  - "inet\_address": {
    - "empty": {
      - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "value": null},
- "value": {

- "\$assertions\_disabled": true,
- "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "address\_cache\_init": true,
- "cache\_lock": { },
- "cache\_time": 0,
- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
- {
- "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "name": "string",
- "offset": 0,
- "signature": "string",
- "type": {
- "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "annotation": 0,
- "annotation\_data": {
- "annotations": {
- "property1": null,
- "property2": null},
- "declared\_annotations": {
- "property1": null,
- "property2": null},
- "redefined\_count": 0},
- "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
- null],
- "superclass": { }},

- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
  - "clock": 0,
  - "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"},
  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
  - "subnet\_sep": "string"},
  - "username": "string"},
  - "tunnel\_details": {
    - "connection\_status": {
      - "last\_changed\_time\_stamp\_usecs": 0,
      - "last\_checked\_time\_stamp\_usecs": 0,
      - "last\_successful\_transmission\_time\_stamp\_usecs": 0,
      - "message": {
        - "attributes": {
          - "property1": "string",
          - "property2": "string"},
        - "message": "string"},
        - "status": "SUCCESS"},
  - "http\_proxy": {

- "address": "string",
- "address\_value": {
- "hostname": "string",
- "inet\_address": {
  - "empty": {
  - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "value": null},
  - "value": {
  - "\$assertions\_disabled": true,
  - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "address\_cache\_init": true,
  - "cache\_lock": { },
  - "cache\_time": 0,
  - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "canonical\_host\_name": "string",
  - "fields\_offset": 0,
  - "holder": {
    - "address": 0,
    - "family": 0,
    - "host\_name": "string",
    - "original\_host\_name": "string"},
  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
    - "property1": null,
    - "property2": null},
  - "max\_cache\_time": 0,
  - "name\_services": [
    - { }],
  - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "prefer\_ipv6\_address": true,
  - "serial\_persistent\_fields": [
    - {
      - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "name": "string",
      - "offset": 0,
      - "signature": "string",
      - "type": {
        - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "annotation": 0,
        - "annotation\_data": {
        - "annotations": { },
        - "declared\_annotations": { },
        - "redefined\_count": null},
        - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "class\_redefined\_count": 0,
        - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "enum": 0,
        - "enum\_constant\_directory": {
          - "property1": null,
          - "property2": null},
          - "enum\_constants": null,
          - "generic\_info": {



- "none": null,
- "super\_interfaces": [ ],
- "superclass": null},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": null,
- "timestamp": null},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
- null],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "name": "string",
- "password": "string",
- "port": 65536,
- "proxy\_types": [
- "HTTP"],
- "username": "string"},
- "service\_center": {
- "ip\_address": "string",
- "name": "string",

```
    • "port": 65536,
    • "username": "string"},
  • "transport_status": {
    • "last_changed_time_stamp_usecs": 0,
    • "last_checked_time_stamp_usecs": 0,
    • "last_successful_transmission_time_stamp_usecs": 0,
    • "message": {
    • "attributes": {
      • "property1": "string",
      • "property2": "string"},
    • "message": "string"},
    • "status": "SUCCESS"}}
}
```

## /authconfig

### Add Auth types.

Add Auth types to the existing Auth types.

**Request Body schema: application/json required**

List of Auth types

Array

string

Enum: "LOCAL" "DIRECTORY\_SERVICE"

### Responses

#### 200

Successful operation

post/authconfig/add\_auth\_types

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/add\_auth\_types

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/add_auth_types \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
...
```
```

### Response samples

- 200

Content type

application/json

Copy

`[

- "LOCAL"

]

Add Directory.

Add Directory config to the cluster.

Request Body schema: application/json required

A Directory instance

||| --- | --- || connection\_type | string Value: "LDAP" || directory\_type | string Enum: "ACTIVE\_DIRECTORY" "OPEN\_LDAP" || directory\_url | string | | domain | string | | group\_search\_type | string Enum: "RECURSIVE" "NON\_RECURSIVE" || name | string | | open\_ldap\_config | object (create.auth.dto.config.OpenLdapConfigDTO) Open LDAP configuration || service\_account\_password | string | | service\_account\_username | string |

Responses

200

Successful operation

post/authconfig/directories

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

curl --request POST \ --url https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "connection\_type": "LDAP", "directory\_type": "ACTIVE\_DIRECTORY", "directory\_url": "string", "domain": "string", "group\_search\_type": "RECURSIVE", "name": "string", "open\_ldap\_config": { "group\_member\_attribute": "string", "group\_member\_attribute\_value": "string", "group\_object\_class": "string", "group\_search\_base": "string", "user\_object\_class": "string", "user\_search\_base": "string", "username\_attribute": "string" }, "service\_account\_password": "string", "service\_account\_username": "string" }'

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

{

- "connection\_type": "LDAP",
- "directory\_type": "ACTIVE\_DIRECTORY",
- "directory\_url": "string",
- "domain": "string",
- "group\_search\_type": "RECURSIVE",
- "name": "string",
- "open\_ldap\_config": {
- "group\_member\_attribute": "string",
- "group\_member\_attribute\_value": "string",
- "group\_object\_class": "string",

- "group\_search\_base": "string",
- "user\_object\_class": "string",
- "user\_search\_base": "string",
- "username\_attribute": "string"},
- "service\_account\_password": "string",
- "service\_account\_username": "string"

```
}`
```

## Delete Auth config.

Delete Auth configuration from the cluster. This will also delete all the directories configured in the cluster.

### Responses

#### 200

Successful operation

delete/authconfig

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/authconfig](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig)

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": true
}
```

## Delete client chain certificate for authentication.

Delete client chain certificate on the cluster.

### path Parameters

||| | --- | --- || name required | string Name of the Certificate |

### Responses

#### 200

Successful operation

delete/authconfig/client\_auth/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/client\_auth/{name}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/client_auth/{name} \ --header 'Accept: application/json' \
--header 'Content-Type: multipart/form-data' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": true
}`
```

### Delete Directory.

Delete Directory config with the specified name.

#### path Parameters

| | | | --- | --- | | name required | string Name of the Directory |

### Responses

#### 200

Successful operation

delete/authconfig/directories/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories/{name}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories/{name} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

• 200

Content type

application/json

Copy

```
`{
  • "value": true
}`
```

Edit Directory.

Edit the specified Directory config.

Request Body schema: application/json required

A Directory instance

||| |---| ---| | connection\_type | string Value: "LDAP" | | directory\_type | string Enum: "ACTIVE\_DIRECTORY" "OPEN\_LDAP" | | directory\_url | string | | domain | string | | group\_search\_type | string Enum: "RECURSIVE" "NON\_RECURSIVE" | | name | string | | open\_ldap\_config | object (update.auth.dto.config.OpenLdapConfigDTO) Open LDAP configuration | | service\_account\_password | string | | service\_account\_username | string |

Responses

200

Successful operation

put/authconfig/directories

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "connection_type": "LDAP", "directory_type": "ACTIVE_DIRECTORY", "directory_url": "string", "domain": "string", "group_search_type": "RECURSIVE", "name": "string", "open_ldap_config": { "group_member_attribute": "string", "group_member_attribute_value": "string", "group_object_class": "string", "group_search_base": "string", "user_object_class": "string", "user_search_base": "string", "username_attribute": "string" }, "service_account_password": "string", "service_account_username": "string" }'
```

Response samples

• 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "connection_type": "LDAP",
  • "directory_type": "ACTIVE_DIRECTORY",
```

- "directory\_url": "string",
- "domain": "string",
- "group\_search\_type": "RECURSIVE",
- "name": "string",
- "open\_ldap\_config": {
- "group\_member\_attribute": "string",
- "group\_member\_attribute\_value": "string",
- "group\_object\_class": "string",
- "group\_search\_base": "string",
- "user\_object\_class": "string",
- "user\_search\_base": "string",
- "username\_attribute": "string"},
- "service\_account\_password": "string",
- "service\_account\_username": "string"

}`

## Enable/disable client authentication.

Enable/disable client authentication on the cluster.

### Request Body schema: application/json required

Enable client auth

| | | | --- | --- | | value | boolean |

## Responses

### 200

Successful operation

post/authconfig/client\_auth

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/client\_auth

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/client_auth \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": true }'
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "ca\_chain": [
- "string"],
- "enable\_client\_auth": true,

- "name": "string"

```
}`
```

## Get Auth configuration.

Get the complete Auth configuration including directories configured in the cluster.

### Responses

**200**

Successful operation

get/authconfig

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "auth\_type\_list": [
- "LOCAL"],
- "directory\_list": [
- {
  - "connection\_type": "LDAP",
  - "directory\_type": "ACTIVE\_DIRECTORY",
  - "directory\_url": "string",
  - "domain": "string",
  - "group\_search\_type": "RECURSIVE",
  - "name": "string",
  - "open\_ldap\_config": {
  - "group\_member\_attribute": "string",
  - "group\_member\_attribute\_value": "string",
  - "group\_object\_class": "string",
  - "group\_search\_base": "string",
  - "user\_object\_class": "string",
  - "user\_search\_base": "string",
  - "username\_attribute": "string"},
  - "service\_account\_password": "string",



- "service\_account\_username": "string"]]

```
}`
```

## Get Auth types.

Get Auth types configured in Auth configuration.

### Responses

#### 200

Successful operation

get/authconfig/auth\_types

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/auth\_types

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/auth_types \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`[
```

- "LOCAL"

```
]`
```

## Get client authentication status.

Get the client authentication status configured on the cluster.

### Responses

#### 200

Successful operation

get/authconfig/client\_auth

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/client\_auth

### Request samples

- cURL
- Wget
- Python
- Go

- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/client_auth \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "auto_login_info": {
    "enabled": true,
    "service_account_dto": {
      "directory_config_name": "string",
      "password": "string",
      "username": "string"}},
  "ca_chain_info": {
    "ca_chain": [
      "string"],
    "enable_client_auth": true,
    "name": "string"},
  "cert_revocation_info": {
    "crl_distribution_points": [
      "string"],
    "global_crl_refresh_interval": 0,
    "ocsp_responder": "string"}
}
```

Get Directory.

Get Directory with the specified name.

path Parameters

||| | --- | --- || name required | string Name of the Directory |

Responses

200

Successful operation

get/authconfig/directories/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories/{name}

Request samples

- cURL
- Wget
- Python
- Go
- Java

- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories/{name} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "connection\_type": "LDAP",
- "directory\_type": "ACTIVE\_DIRECTORY",
- "directory\_url": "string",
- "domain": "string",
- "group\_search\_type": "RECURSIVE",
- "name": "string",
- "open\_ldap\_config": {
- "group\_member\_attribute": "string",
- "group\_member\_attribute\_value": "string",
- "group\_object\_class": "string",
- "group\_search\_base": "string",
- "user\_object\_class": "string",
- "user\_search\_base": "string",
- "username\_attribute": "string"},
- "service\_account\_password": "string",
- "service\_account\_username": "string"

```
}`
```

## Get the list of Directories.

Get the list of Directories configured in the cluster.

## Responses

**200**

Successful operation

get/authconfig/directories

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "connection_type": "LDAP",
      "directory_type": "ACTIVE_DIRECTORY",
      "directory_url": "string",
      "domain": "string",
      "group_search_type": "RECURSIVE",
      "name": "string",
      "open_ldap_config": {
        "group_member_attribute": "string",
        "group_member_attribute_value": "string",
        "group_object_class": "string",
        "group_search_base": "string",
        "user_object_class": "string",
        "user_search_base": "string",
        "username_attribute": "string",
        "service_account_password": "string",
        "service_account_username": "string"}],
      "error_info": {
        "count": 0,
        "entity_list": [
          "string"],
        "message": "string",
        "metadata": {
          "count": 0,
          "end_index": 0,
          "filter_criteria": "string",
          "grand_total_entities": 0,
          "next_cursor": "string",
          "page": 0,
          "previous_cursor": "string",
          "search_string": "string",
          "sort_criteria": "string",
          "start_index": 0,
          "total_entities": 0}
    }
  ]
}`
```

get/authconfig/directory\_domains/getDirectoryDomainList

Responses

200

Successful operation

get/authconfig/directory\_domains

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directory\_domains

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directory_domains \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`[
```

- "string"

```
]
```

### Modify Auth configuration.

Modify the Auth configuration excluding directories configured in the cluster.

#### Request Body schema: application/json required

an AuthConfigDTO instance

```
||| |---|---|| cluster_uuid | string || generic_dto | object (patch.auth.dto.config.AuthConfigDTO) auth-config || operation | string |
```

### Responses

#### 200

Successful operation

patch/authconfig

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PATCH \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid": "string", "generic_dto": {
"auth_type_list": [ "string" ], "directory_list": [ { "connection_type": "LDAP", "directory_type": "ACTIVE_DIRECTORY",
```

```
"directory_url": "string", "domain": "string", "group_search_type": "RECURSIVE", "name": "string", "open_ldap_config":
{ "group_member_attribute": "string", "group_member_attribute_value": "string", "group_object_class": "string",
"group_search_base": "string", "user_object_class": "string", "user_search_base": "string", "username_attribute":
"string" }, "service_account_password": "string", "service_account_username": "string" } ] }, "operation": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
• "auth_type_list": [
• "LOCAL"],
• "directory_list": [
• {
• "connection_type": "LDAP",
• "directory_type": "ACTIVE_DIRECTORY",
• "directory_url": "string",
• "domain": "string",
• "group_search_type": "RECURSIVE",
• "name": "string",
• "open_ldap_config": {
• "group_member_attribute": "string",
• "group_member_attribute_value": "string",
• "group_object_class": "string",
• "group_search_base": "string",
• "user_object_class": "string",
• "user_search_base": "string",
• "username_attribute": "string"},
• "service_account_password": "string",
• "service_account_username": "string"}}
}
```

## Modify Directory.

Modify the specified Directory config.

**Request Body schema: application/json required**

A Directory instance

||| |--- |--- || cluster\_uuid | string || generic\_dto | object (patch.auth.dto.config.DirectoryConfigDTO) directory-config || operation | string |

## Responses

200

Successful operation

patch/authconfig/directories

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories

## Request samples

- cURL
- Wget
- Python

- Go
- Java
- JavaScript

Copy

```
curl --request PATCH \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid": "string", "generic_dto": { "connection_type": "LDAP", "directory_type": "ACTIVE_DIRECTORY", "directory_url": "string", "domain": "string", "group_search_type": "RECURSIVE", "name": "string", "open_ldap_config": { "group_member_attribute": "string", "group_member_attribute_value": "string", "group_object_class": "string", "group_search_base": "string", "user_object_class": "string", "user_search_base": "string", "username_attribute": "string" }, "service_account_password": "string", "service_account_username": "string" }, "operation": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "connection_type": "LDAP",
  "directory_type": "ACTIVE_DIRECTORY",
  "directory_url": "string",
  "domain": "string",
  "group_search_type": "RECURSIVE",
  "name": "string",
  "open_ldap_config": {
    "group_member_attribute": "string",
    "group_member_attribute_value": "string",
    "group_object_class": "string",
    "group_search_base": "string",
    "user_object_class": "string",
    "user_search_base": "string",
    "username_attribute": "string"},
  "service_account_password": "string",
  "service_account_username": "string"
}
```

post/authconfig/client\_auth/ca\_chain/addClientAuthChain

Request Body schema: multipart/form-data required

||| |---| --- || filename required | string Name of the Certificate | | chain required | string Certificate content |

Responses

200

Successful operation

post/authconfig/client\_auth/ca\_chain

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/client\_auth/ca\_chain

Request samples

- cURL
- Wget
- Python

- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/client_auth/ca_chain \
--header 'Accept: application/json' \ --header 'Content-Type: multipart/form-data' \ --data '{ "chain": null,
"filename": null }'
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
• "ca_chain": [
• "string"],
• "enable_client_auth": true,
• "name": "string"
}`
```

**Remove Auth types.**

Remove Auth types from the existing Auth types.

**Request Body schema: application/json required**

List of Auth types

Array

string

Enum: "LOCAL" "DIRECTORY\_SERVICE"

**Responses**

**200**

Successful operation

post/authconfig/remove\_auth\_types

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/remove\_auth\_types

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/remove_auth_types \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```



## Response samples

- 200

Content type

application/json

Copy

```
`[
```

- "LOCAL"

```
]`
```

## Test LDAP directory connection status

### Request Body schema: application/json required

Username, active directory name and password to authenticate

```
||| |--- |--- || directory_name | string || password | string || username | string |
```

## Responses

### 200

Successful operation

post/authconfig/directories/connection\_status

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories/connection\_status

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url  
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/directories/connection_status \ --header 'Accept:  
application/json' \ --header 'Content-Type: application/json' \ --data '{ "directory_name": "string", "password":  
"string", "username": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
}`
```

## Update Auth configuration.

Update the Auth configuration excluding directories configured in the cluster.

### Request Body schema: application/json required

an AuthConfigDTO instance

||| | --- | --- | | auth\_type\_list | Array of strings Items Enum: "LOCAL" "DIRECTORY\_SERVICE" | | directory\_list | Array of objects (update.auth.dto.config.DirectoryConfigDTO) |

Responses

200

Successful operation

put/authconfig

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "auth_type_list": [ "string" ], "directory_list": [ { "connection_type": "LDAP", "directory_type": "ACTIVE_DIRECTORY", "directory_url": "string", "domain": "string", "group_search_type": "RECURSIVE", "name": "string", "open_ldap_config": { "group_member_attribute": "string", "group_member_attribute_value": "string", "group_object_class": "string", "group_search_base": "string", "user_object_class": "string", "user_search_base": "string", "username_attribute": "string" }, "service_account_password": "string", "service_account_username": "string" } ] }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "auth_type_list": [
    "LOCAL",
    "directory_list": [
      {
        "connection_type": "LDAP",
        "directory_type": "ACTIVE_DIRECTORY",
        "directory_url": "string",
        "domain": "string",
        "group_search_type": "RECURSIVE",
        "name": "string",
        "open_ldap_config": {
          "group_member_attribute": "string",
          "group_member_attribute_value": "string",
          "group_object_class": "string",
          "group_search_base": "string",
          "user_object_class": "string",
          "user_search_base": "string",
          "username_attribute": "string"},
        "service_account_password": "string",
```

- "service\_account\_username": "string"]]

}`

Update Auth types.

Update Auth types configured in the Auth configuration.

Request Body schema: application/json required

List of Auth types

Array

string

Enum: "LOCAL " "DIRECTORY\_SERVICE"

Responses

200

Successful operation

put/authconfig/auth\_types

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/auth\_types

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

` curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/auth_types \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
`
`

```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```

`{
  • "auth_type_list": [
  • "LOCAL"],
  • "directory_list": [
  • {
    • "connection_type": "LDAP",
    • "directory_type": "ACTIVE_DIRECTORY",
    • "directory_url": "string",
    • "domain": "string",
    • "group_search_type": "RECURSIVE",
    • "name": "string",
    • "open_ldap_config": {

```

- "group\_member\_attribute": "string",
- "group\_member\_attribute\_value": "string",
- "group\_object\_class": "string",
- "group\_search\_base": "string",
- "user\_object\_class": "string",
- "user\_search\_base": "string",
- "username\_attribute": "string"},
- "service\_account\_password": "string",
- "service\_account\_username": "string"]]

}`

## Update client authentication.

Update client authentication on the cluster.

### Request Body schema: application/json required

Client auth updates

||| | --- | --- || auto\_login\_info | object (update.auth.dto.config.AutoLoginInfoDTO) || ca\_chain\_info | object (update.auth.dto.config.CaChainDTO) || cert\_revocation\_info | object (update.auth.dto.config.CertRevocationInfoDTO) |

## Responses

### 200

Successful operation

put/authconfig/client\_auth

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/authconfig/client\_auth

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/authconfig/client_auth \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "auto_login_info": { "enabled": true, "service_account_dto": { "directory_config_name": "string", "password": "string", "username": "string" } }, "ca_chain_info": { "ca_chain": [ "string" ], "enable_client_auth": true, "name": "string" }, "cert_revocation_info": { "crl_distribution_points": [ "string" ], "global_crl_refresh_interval": 0, "ocsp_responder": "string" } }'
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "auto\_login\_info": {
- "enabled": true,
- "service\_account\_dto": {
  - "directory\_config\_name": "string",
  - "password": "string",

```
    • "username": "string"}},
  • "ca_chain_info": {
  • "ca_chain": [
    • "string"],
  • "enable_client_auth": true,
  • "name": "string"},
  • "cert_revocation_info": {
  • "crl_distribution_points": [
    • "string"],
  • "global_crl_refresh_interval": 0,
  • "ocsp_responder": "string"}
}
```

## /cloud

### Add a cloud credential.

Add a cloud credential for accessing cloud sites.

#### path Parameters

||| | --- | --- || cloud\_type required | string Cloud type |

#### Request Body schema: application/json required

An instance of CloudCredentialsDTO

||| | --- | --- || aws\_credential | object (create.dto.dr.AwsCredentialDTO) || azure\_credential | object (create.dto.dr.AzureCredentialDTO) || credential\_id | integer  
|| name | string | | use\_as\_default | boolean |

#### Responses

##### 200

Successful operation

post/cloud/{cloud\_type}/credentials

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud\_type}/credentials

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud_type}/credentials \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "aws_credential": {
"access_key": "string", "secret_key": "string" }, "azure_credential": { "secure_file_id": "string", "subscription_id":
"string" }, "credential_id": 0, "name": "string", "use_as_default": true }'
```

#### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{  
  
• "aws_credential": {  
• "access_key": "string",  
• "secret_key": "string"},  
• "azure_credential": {  
• "secure_file_id": "string",  
• "subscription_id": "string"},  
• "credential_id": 0,  
• "name": "string",  
• "use_as_default": true  
  
}`
```

## Deploy a cloud CVM and create a remote site.

Deploy a cloud CVM and create a remote site.

### path Parameters

||| | --- | --- || cloud\_type required | string Cloud type |

### Request Body schema: application/json

An instance of DeployCloudRemoteSiteRequestDTO

||| | --- | --- || admin\_password | string || bandwidth\_policy | object (create.dto.dr.BandwidthPolicyDTO) This DTO describes bandwidth throttling policies for different time schedules || bandwidth\_policy\_enabled | boolean || cerebro\_ssh\_port\_lower\_bound | integer || cerebro\_ssh\_port\_upper\_bound | integer || compression\_enabled | boolean || connectivity\_type | string Enum: "VPN" "SSH\_TUNNEL" || credential\_name | string || image\_id | string || image\_name | string || instance\_name | string || instance\_type | string || local\_container\_names | Array of strings || local\_remote\_site\_name | string || local\_storage\_container\_names | Array of strings || max\_bps | integer || proxy\_enabled | boolean || region | string || remote\_container\_names | Array of strings || remote\_storage\_container\_names | Array of strings || remote\_storage\_pool\_name | string || skip\_instance\_type\_validation | boolean || snap\_shot\_id | string || ssh\_tunnel\_port | integer || subnet\_id | string || vpc\_id | string |

### Responses

#### 200

Successful operation

post/cloud/{cloud\_type}/deploy\_remote\_site

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud\_type}/deploy\_remote\_site

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

#### Copy

```
curl --request POST \ --url  
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud_type}/deploy_remote_site \ --header 'Accept:  
application/json' \ --header 'Content-Type: application/json' \ --data '{ "admin_password": "string",  
"bandwidth_policy": { "bandwidth_configurations": [ { "bandwidth_limit": 0, "days_selected": 0, "end_time": 0,  
"schedule_uuid": "string", "start_time": 0 } ], "default_bandwidth_limit": 0, "policy_name": "string", "policy_uuid":  
"string" }, "bandwidth_policy_enabled": true, "cerebro_ssh_port_lower_bound": 0, "cerebro_ssh_port_upper_bound": 0,  
"compression_enabled": true, "connectivity_type": "VPN", "credential_name": "string", "image_id": "string",  
"image_name": "string", "instance_name": "string", "instance_type": "string", "local_container_names": [ "string" ],  
"local_remote_site_name": "string", "local_storage_container_names": [ "string" ], "max_bps": 0, "proxy_enabled": true,  
"region": "string", "remote_container_names": [ "string" ], "remote_storage_container_names": [ "string" ],  
"remote_storage_pool_name": "string", "skip_instance_type_validation": true, "snap_shot_id": "string",  
"ssh_tunnel_port": 0, "subnet_id": "string", "vpc_id": "string" }'
```

### Response samples

$\}$ 

```

"alert_summary": {
  "alert_summaries": {
    "property1": {
      "entities": [
        {
          "acknowledged": true,
          "acknowledged_by_username": "string",
          "acknowledged_time_stamp_in_usecs": 0,
          "affected_entities": [
            {
              "entity_name": "string",
              "entity_type": "string",
              "entity_type_display_name": "string",
              "id": "string",
              "uuid": "string"}],
          "alert_details": {
            "metric_details": [
              {
                "comparison_operator": "string",
                "condition_type": "STATIC_THRESHOLD",
                "data_type": "LONG",
                "entity_id": "string",
                "entity_type": "string",
                "metric_category": "string",
                "metric_display_name": "string",
                "metric_name": "string",
                "metric_value_details": [
                  null],
                "unit": "string"}],
            "severity_trails": [
              {
                "severity": "string",
                "severity_change_timestamp_in_usecs": 0}],
          "alert_title": "string",
          "alert_type_uuid": "string",
          "auto_resolved": true,
          "categories": [
            "string"],
          "check_id": "string",
          "classifications": [
            "string"],
          "cluster_uuid": "string",
          "context_types": [
            "string"],
          "context_values": [
            "string"],
          "created_time_stamp_in_usecs": 0,
          "detailed_message": "string",
          "entity_ids": [

```

- "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
      - "message": null},
      - "metadata": {
        - "count": null,
        - "end\_index": null,
        - "filter\_criteria": null,
        - "grand\_total\_entities": null,
        - "next\_cursor": null,
        - "page": null,
        - "previous\_cursor": null,
        - "search\_string": null,
        - "sort\_criteria": null,
        - "start\_index": null,
        - "total\_entities": null}},
      - "details": "string",
      - "has\_global\_details": true,
      - "id": "string",
      - "num\_resolved\_count": 0,
      - "parent\_cause\_id": "string",
      - "title": "string",
      - "troubleshooting\_steps": "string"}},
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,



- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}},
  - "alert\_details": {
    - "metric\_details": [
      - {
        - "comparison\_operator": "string",
        - "condition\_type": "STATIC\_THRESHOLD",
        - "data\_type": "LONG",
        - "entity\_id": "string",
        - "entity\_type": "string",
        - "metric\_category": "string",
        - "metric\_display\_name": "string",
        - "metric\_name": "string",
        - "metric\_value\_details": [
          - null],
        - "unit": "string"}},
      - "severity\_trails": [
        - {
          - "severity": "string",
          - "severity\_change\_timestamp\_in\_usecs": 0}}},
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
      - "string"],
    - "check\_id": "string",
    - "classifications": [
      - "string"],
    - "cluster\_uuid": "string",
    - "context\_types": [
      - "string"],
    - "context\_values": [
      - "string"],
    - "created\_time\_stamp\_in\_usecs": 0,
    - "detailed\_message": "string",
    - "entity\_ids": [
      - "string"],
    - "entity\_types": [

- "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"}],
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",

- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}}},
- "count": 0},
- "bandwidth\_policy": {
- "bandwidth\_configurations": [
  - {
  - "bandwidth\_limit": 0,
  - "days\_selected": 0,
  - "end\_time": 0,
  - "schedule\_uuid": "string",
  - "start\_time": 0}},
- "default\_bandwidth\_limit": 0,
- "policy\_name": "string",
- "policy\_uuid": "string",
- "bandwidth\_policy\_enabled": true,
- "capabilities": [
- "BACKUP"],
- "cloud\_type": "AWS",
- "cluster\_arch": "string",
- "cluster\_external\_data\_services\_address": {
- "hostname": "string",
- "inet\_address": {
  - "empty": {
  - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "value": null},
  - "value": {
  - "\$assertions\_disabled": true,
  - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "address\_cache\_init": true,
  - "cache\_lock": { },
  - "cache\_time": 0,
  - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "canonical\_host\_name": "string",
  - "fields\_offset": 0,
  - "holder": {
    - "address": 0,
    - "family": 0,
    - "host\_name": "string",
    - "original\_host\_name": "string"},
  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
    - "property1": null,
    - "property2": null},
    - "max\_cache\_time": 0,
    - "name\_services": [
      - { }},
    - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "prefer\_ipv6\_address": true,
    - "serial\_persistent\_fields": [
      - {
      - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",

- "name": "string",
- "offset": 0,
- "signature": "string",
- "type": {
  - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "annotation": 0,
  - "annotation\_data": {
  - "annotations": {
    - "property1": { },
    - "property2": { }},
    - "declared\_annotations": {
      - "property1": { },
      - "property2": { }},
      - "redefined\_count": 0},
      - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "class\_redefined\_count": 0,
      - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "enum": 0,
      - "enum\_constant\_directory": {
      - "property1": null,
      - "property2": null},
      - "enum\_constants": null,
      - "generic\_info": {
      - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "super\_interfaces": [
        - { }},
        - "superclass": { }},
        - "initted": true,
        - "name": "string",
        - "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "reflection\_data": {
        - "clock": 0,
        - "timestamp": 0},
        - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "serial\_persistent\_fields": [
          - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "synthetic": 0,
          - "use\_caches": true},
          - "unshared": true}],
    - "unknown\_array": [
      - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
    - "unsafe": {
      - "address\_size": 0,
      - "array\_boolean\_base\_offset": 0,
      - "array\_boolean\_index\_scale": 0,
      - "array\_byte\_base\_offset": 0,
      - "array\_byte\_index\_scale": 0,
      - "array\_char\_base\_offset": 0,
      - "array\_char\_index\_scale": 0,
      - "array\_double\_base\_offset": 0,
      - "array\_double\_index\_scale": 0,
      - "array\_float\_base\_offset": 0,
      - "array\_float\_index\_scale": 0,

- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
  - "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "cluster\_external\_data\_services\_ipaddress": "string",
- "cluster\_id": 0,
- "cluster\_incarnation\_id": 0,
- "cluster\_type": [
- "LIGHT\_COMPUTE"],
- "compression\_enabled": true,
- "credential\_name": "string",
- "cvm\_name": "string",
- "health\_summary": {
- "entity\_type\_summaries": [
  - {
  - "checks\_in\_error": {
    - "property1": {
    - "cluster\_level": [
      - {
      - "entity\_name": "string",
      - "entity\_uuid": "string",
      - "message": "string"}},
      - "node\_level": [
        - {
        - "entity\_name": "string",
        - "entity\_uuid": "string",
        - "message": "string"}},
      - "property2": {
      - "cluster\_level": [
        - {
        - "entity\_name": "string",
        - "entity\_uuid": "string",
        - "message": "string"}},
        - "node\_level": [
          - {
          - "entity\_name": "string",
          - "entity\_uuid": "string",
          - "message": "string"}},
- "detailed\_check\_summary": {
  - "property1": {
  - "property1": 0,
  - "property2": 0},
  - "property2": {
  - "property1": 0,
  - "property2": 0}},

- "entity\_type": "PAGE",
- "filter\_criteria": "string",
- "health\_summary": {
  - "property1": 0,
  - "property2": 0}},
- "health\_check\_summaries": {
  - "property1": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
    - "executed\_time\_stamp\_in\_usecs": 0,
    - "health\_status": "Critical",
    - "id": "string",
    - "score": 0},
    - "property2": {
    - "attribute\_map": {
      - "property1": "string",
      - "property2": "string"},
      - "executed\_time\_stamp\_in\_usecs": 0,
      - "health\_status": "Critical",
      - "id": "string",
      - "score": 0}},
    - "health\_status": "Critical"},
    - "latency\_in\_usecs": 0,
    - "marked\_for\_removal": true,
    - "max\_bps": 0,
    - "metro\_ready": true,
    - "name": "string",
    - "network\_mapping": {
    - "l2\_network\_mappings": [
      - {
      - "dest\_hypervisor\_type": "string",
      - "dest\_network\_name": "string",
      - "src\_hypervisor\_type": "string",
      - "src\_network\_name": "string"}},
    - "uuid": "string"},
    - "proxy\_enabled": true,
    - "region": "string",
    - "remote\_dr\_external\_subnet": "string",
    - "remote\_dr\_external\_subnet\_address": {
    - "hostname": "string",
    - "inet\_address": {
      - "empty": {
      - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "value": null},
      - "value": {
      - "\$assertions\_disabled": true,
      - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "address\_cache\_init": true,
      - "cache\_lock": { },
      - "cache\_time": 0,
      - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "canonical\_host\_name": "string",
      - "fields\_offset": 0,
      - "holder": {
        - "address": 0,
        - "family": 0,
        - "host\_name": "string",
        - "original\_host\_name": "string"},

- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
  - "property1": null,
  - "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
  - { },
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
  - {
    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
      - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "annotation": 0,
      - "annotation\_data": {
      - "annotations": {
        - "property1": { },
        - "property2": { }},
        - "declared\_annotations": {
          - "property1": { },
          - "property2": { }},
          - "redefined\_count": 0},
          - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "class\_redefined\_count": 0,
          - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "enum": 0,
          - "enum\_constant\_directory": {
          - "property1": null,
          - "property2": null},
          - "enum\_constants": null,
          - "generic\_info": {
          - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "super\_interfaces": [
            - { },
          - "superclass": { }},
          - "initted": true,
          - "name": "string",
          - "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "reflection\_data": {
          - "clock": 0,
          - "timestamp": 0},
          - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "serial\_persistent\_fields": [
            - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
            - "synthetic": 0,
            - "use\_caches": true},
  - "unshared": true}},

- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"},
  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
  - "subnet\_sep": "string"},
  - "remote\_ip\_address\_ports": {
    - "property1": 0,
    - "property2": 0},
  - "remote\_ip\_ports": {
    - "property1": 0,
    - "property2": 0},
  - "remote\_vstore\_info": {
    - "property1": {
      - "is\_protected": true,
      - "is\_stretch\_empty": true,
      - "max\_capacity": 0,
      - "metro\_pd": "string",
      - "used\_physical\_size": 0},
    - "property2": {
      - "is\_protected": true,
      - "is\_stretch\_empty": true,
      - "max\_capacity": 0,
      - "metro\_pd": "string",
      - "used\_physical\_size": 0}},
  - "replication\_links": [
    - {
      - "current\_replicating\_snapshot\_id": "string",
      - "current\_replicating\_snapshot\_total\_bytes": 0,
      - "current\_replicating\_snapshot\_transmitted\_bytes": 0,
      - "id": "string",
      - "last\_replication\_end\_time\_in\_usecs": 0,
      - "last\_replication\_start\_time\_in\_usecs": 0,



```

    • "last_successful_replication_snapshot_id": "string",
    • "protection_domain_name": "string",
    • "remote_site_name": "string",
    • "stats": {
    • "property1": "string",
    • "property2": "string"}}},
  • "ssh_enabled": true,
  • "stats": {
  • "property1": "string",
  • "property2": "string"},
  • "status": "HANDSHAKING",
  • "usage_stats": {
  • "property1": "string",
  • "property2": "string"},
  • "uuid": "string",
  • "vstore_name_map": {
  • "property1": "string",
  • "property2": "string"}
}
`

```

## Get a list of CVM images.

Get a list of CVM images that can be installed.

### path Parameters

||| | --- | --- || cloud\_type required | string Cloud type |

### query Parameters

||| | --- | --- || credential\_name | string Name of the credential | | region | string Region of the cvm image | | count | integer Maximum number of cloud images to retrieve | | filter\_criteria | string Filter criteria | | sort\_criteria | string Sort criteria | | list\_local\_only | boolean Is list local, to be specified only for Azure cloud type |

### Responses

#### 200

Successful operation

get/cloud/{cloud\_type}/images

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud\_type}/images

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud_type}/images \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "entities": [
  • {
    • "description": "string",
    • "id": "string",
    • "name": "string",
    • "region": "string",
    • "version": "string"}],
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}`
```

Get a list of CVMs.

Get a list of CVMs that installed.

path Parameters

||| | --- | --- || cloud\_type required | string Cloud type |

query Parameters

||| | --- | --- || region required | string Region || credential\_name | string Name of the credential || count | integer Maximum number of cloud cvms to retrieve || filter\_criteria | string Filter criteria | | sort\_criteria | string Sort criteria |

Responses

200

Successful operation

get/cloud/{cloud\_type}/cvms

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud\_type}/cvms

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud_type}/cvms \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "name": "string",
      "private_ip": "string",
      "public_ip": "string",
      "region": "string",
      "state": "STARTING",
      "subnet_id": "string",
      "type": "string"}],
  "error_info": {
    "count": 0,
    "entity_list": [
      "string"],
    "message": "string",
    "metadata": {
      "count": 0,
      "end_index": 0,
      "filter_criteria": "string",
      "grand_total_entities": 0,
      "next_cursor": "string",
      "page": 0,
      "previous_cursor": "string",
      "search_string": "string",
      "sort_criteria": "string",
      "start_index": 0,
      "total_entities": 0}
  }
}`
```

Get a list of subnets.

Get a list of subnets.

path Parameters

||| | --- | --- || cloud\_type required | string Cloud type |

query Parameters

||| | --- | --- || region required | string Region | | credential\_name | string Name of the credential | | count | integer Maximum number of subnets to retrieve | | filter\_criteria | string Filter criteria | | sort\_criteria | string Sort criteria |

Responses

200

Successful operation

get/cloud/{cloud\_type}/subnets

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud\_type}/subnets

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud_type}/subnets \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{  
  
  • "entities": [  
  • {  
    • "availability_zone": "string",  
    • "available_ip_count": 0,  
    • "default_avail_zone": true,  
    • "id": "string",  
    • "subnet_cidr": "string",  
    • "subnet_id": "string",  
    • "vpc_id": "string",  
    • "vpn_state": "AVAILABLE"}],  
  • "error_info": {  
  • "count": 0,  
  • "entity_list": [  
    • "string"],  
  • "message": "string"},  
  • "metadata": {  
  • "count": 0,  
  • "end_index": 0,  
  • "filter_criteria": "string",  
  • "grand_total_entities": 0,  
  • "next_cursor": "string",  
  • "page": 0,  
  • "previous_cursor": "string",  
  • "search_string": "string",  
  • "sort_criteria": "string",  
  • "start_index": 0,  
  • "total_entities": 0}  
  }`
```

**Get cloud credentials.**

Get cloud credentials for accessing cloud sites.

path Parameters

||| --- | --- || cloud\_type required | string Cloud type |

query Parameters

||| --- | --- || count | integer Maximum number of cloud credentials to retrieve | | filter\_criteria | string Filter criteria | | sort\_criteria | string Sort criteria |

Responses

200

Successful operation

get/cloud/{cloud\_type}/credentials

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud\_type}/credentials

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud_type}/credentials \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "aws_credential": {
        "access_key": "string",
        "secret_key": "string",
        "azure_credential": {
          "secure_file_id": "string",
          "subscription_id": "string",
          "credential_id": 0,
          "name": "string",
          "use_as_default": true
        }
      },
      "error_info": {
        "count": 0,
        "entity_list": [
          "string"
        ],
        "message": "string",
        "metadata": {
          "count": 0,
```

- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

}`

**get/cloud/{cloud\_type}/regions/getAvailableRegions**

**path Parameters**

| | | | --- | --- | | cloud\_type required | string Cloud type |

**query Parameters**

| | | | --- | --- | | credential\_name required | string Name of the credential |

**Responses**

**200**

Successful operation

get/cloud/{cloud\_type}/regions

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud\_type}/regions

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud_type}/regions \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "region_code": "string",
      "region_name": "string",
      "type": "string"}],

```

```
• "error_info": {
• "count": 0,
• "entity_list": [
  • "string"],
• "message": "string"},
• "metadata": {
• "count": 0,
• "end_index": 0,
• "filter_criteria": "string",
• "grand_total_entities": 0,
• "next_cursor": "string",
• "page": 0,
• "previous_cursor": "string",
• "search_string": "string",
• "sort_criteria": "string",
• "start_index": 0,
• "total_entities": 0}
}`
```

## post/cloud/azure/upload\_certificate/uploadAzureCert

**Request Body schema: multipart/form-data required**

| | | | --- | --- | | certificate required | string Certificate content |

### Responses

#### 200

Successful operation

post/cloud/azure/upload\_certificate

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cloud/azure/upload\_certificate

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cloud/azure/upload_certificate \
--header 'Accept: application/json' \ --header 'Content-Type: multipart/form-data' \ --data '{ "certificate": null }'
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
• "value": "string"
}`
```

## Remove a cloud credential.

Remove a cloud credential for accessing cloud sites.

#### path Parameters

||| | --- | --- || cloud\_type required | string Cloud type | | name required | string Name of the credential |

#### Responses

##### 200

Successful operation

delete/cloud/{cloud\_type}/credentials/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud\_type}/credentials/{name}

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud_type}/credentials/{name} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

#### Response samples

- 200

Content type

application/json

Copy

```
`{
  "value": true
}`
```

#### Remove all cloud credentials.

Remove all cloud credentials for accessing cloud sites.

#### path Parameters

||| | --- | --- || cloud\_type required | string Cloud type |

#### Responses

##### 200

Successful operation

delete/cloud/{cloud\_type}/credentials

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud\_type}/credentials

#### Request samples

- cURL
- Wget
- Python



- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud_type}/credentials \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

## Response samples

- 200

Content type

application/json

Copy

```
`{
  "value": true
}`
```

## Set a default cloud credential to use.

Set a default cloud credential for accessing cloud sites.

### path Parameters

||| | --- | --- || cloud\_type required | string Cloud type |

### Request Body schema: application/json required

Name of the credential

||| | --- | --- || value | string |

## Responses

### 200

Successful operation

post/cloud/{cloud\_type}/defaultcredentials

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud\_type}/defaultcredentials

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cloud/{cloud_type}/defaultcredentials \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "aws_credential": {
  • "access_key": "string",
  • "secret_key": "string"},
  • "azure_credential": {
  • "secure_file_id": "string",
  • "subscription_id": "string"},
  • "credential_id": 0,
  • "name": "string",
  • "use_as_default": true
}
```

/cluster

Add a Public Key.

Add a Public Key to the cluster.

Request Body schema: application/json required

A Public Key instance

||| | --- | --- || key | string || name | string |

Responses

200

Successful operation

post/cluster/public\_keys

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/public\_keys

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/public_keys \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "key": "string", "name": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

```
`{
  • "key": "string",
```

- "name": "string"

```
`
}
```

## Add name server.

Add the server to the name servers configured on the cluster.

### Request Body schema: application/json required

Name of a name server

```
||| |--- |--- || address | object (create.common.Address) |
```

## Responses

### 200

Successful operation

post/cluster/name\_servers

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/cluster/name\\_servers](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/name_servers)

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

### Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/name_servers \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "address": { "hostname": "string",
"innet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec file that can be
downloaded from the documentation for more information.", "value": null }, "value": { "$assertions_disabled": true,
"address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "address_cache_init": true, "cache_lock": {}, "cache_time": 0,
"cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "canonical_host_name": "string", "fields_offset": 0, "holder": { "address": 0,
"family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup_table":
{ "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ], "negative_cache": "This API
contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.", "name":
"string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a circular reference,
Refer to the spec file that can be downloaded from the documentation for more information.", "annotation": 0,
"annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": { "property1": {},
"property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "cached_constructor": "This API
contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": {
"property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"super_interfaces": [ {} ], "superclass": {} }, "initted": true, "name": "string", "new_instance_caller_cache": "This
API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "reflection_data": { "clock": 0, "timestamp": 0 }, "reflection_factory": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded
from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ],
"unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information." ], "unsafe": { "address_size": 0, "array_boolean_base_offset": 0,
"array_boolean_index_scale": 0, "array_byte_base_offset": 0, "array_byte_index_scale": 0, "array_char_base_offset": 0,
"array_char_index_scale": 0, "array_double_base_offset": 0, "array_double_index_scale": 0, "array_float_base_offset":
0, "array_float_index_scale": 0, "array_int_base_offset": 0, "array_int_index_scale": 0, "array_long_base_offset": 0,
"array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0, "array_short_base_offset":
```

```
0, "array_short_index_scale": 0, "invalid_field_offset": 0, "the_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." } } }, "ipv4": "string", "ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string", "subnet": "string", "subnet_sep": "string" } }'
```

## Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": true
}`
```

## Add NFS subnet whitelist entry.

Add the address to the NFS subnet whitelist.

## Request Body schema: application/json required

NFS Whilelist

||| |---|---|| address | object (create.common.Address) |

## Responses

200

Successful operation

post/cluster/nfs\_whitelist

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/nfs\_whitelist

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/nfs_whitelist \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "address": { "hostname": "string", "inet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "value": null }, "value": { "$assertions_disabled": true, "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "address_cache_init": true, "cache_lock": {}, "cache_time": 0, "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "canonical_host_name": "string", "fields_offset": 0, "holder": { "address": 0, "family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup_table": { "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ], "negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "name": "string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "annotation": 0, "annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": { "property1": {}, "property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "cached_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." } } }
```

```
information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": {
"property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"super_interfaces": [ {} ], "superclass": {} }, "initted": true, "name": "string", "new_instance_caller_cache": "This
API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "reflection_data": { "clock": 0, "timestamp": 0 }, "reflection_factory": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded
from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ],
"unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information." ], "unsafe": { "address_size": 0, "array_boolean_base_offset": 0,
"array_boolean_index_scale": 0, "array_byte_base_offset": 0, "array_byte_index_scale": 0, "array_char_base_offset": 0,
"array_char_index_scale": 0, "array_double_base_offset": 0, "array_double_index_scale": 0, "array_float_base_offset":
0, "array_float_index_scale": 0, "array_int_base_offset": 0, "array_int_index_scale": 0, "array_long_base_offset": 0,
"array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0, "array_short_base_offset":
0, "array_short_index_scale": 0, "invalid_field_offset": 0, "the_unsafe": "This API contains a circular reference,
Refer to the spec file that can be downloaded from the documentation for more information." } } }, "ipv4": "string",
"ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string", "subnet": "string",
"subnet_sep": "string" } }'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

## Add NTP server.

Add the server to the NTP servers configured on the cluster.

**Request Body schema: application/json required**

Name of NTP server

||| --- | --- || address | object (create.common.Address) |

## Responses

- 200

Successful operation

post/cluster/ntp\_servers

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/ntp\_servers

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/ntp_servers \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "address": { "hostname": "string",
"innet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec file that can be
```

downloaded from the documentation for more information.", "value": null }, "value": { "\$assertions\_disabled": true, "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "address\_cache\_init": true, "cache\_lock": {}, "cache\_time": 0, "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "canonical\_host\_name": "string", "fields\_offset": 0, "holder": { "address": 0, "family": 0, "host\_name": "string", "original\_host\_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup\_table": { "property1": {}, "property2": {} }, "max\_cache\_time": 0, "name\_services": [ {} ], "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "prefer\_ipv6\_address": true, "serial\_persistent\_fields": [ { "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "name": "string", "offset": 0, "signature": "string", "type": { "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "annotation": 0, "annotation\_data": { "annotations": { "property1": {}, "property2": {} }, "declared\_annotations": { "property1": {}, "property2": {} }, "redefined\_count": 0 }, "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "class\_redefined\_count": 0, "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum\_constant\_directory": { "property1": {}, "property2": {} }, "enum\_constants": null, "generic\_info": { "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "super\_interfaces": [ {} ], "superclass": {} }, "initted": true, "name": "string", "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "reflection\_data": { "clock": 0, "timestamp": 0 }, "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "serial\_persistent\_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "synthetic": 0, "use\_caches": true }, "unshared": true } ], "unknown\_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "unsafe": { "address\_size": 0, "array\_boolean\_base\_offset": 0, "array\_boolean\_index\_scale": 0, "array\_byte\_base\_offset": 0, "array\_byte\_index\_scale": 0, "array\_char\_base\_offset": 0, "array\_char\_index\_scale": 0, "array\_double\_base\_offset": 0, "array\_double\_index\_scale": 0, "array\_float\_base\_offset": 0, "array\_float\_index\_scale": 0, "array\_int\_base\_offset": 0, "array\_int\_index\_scale": 0, "array\_long\_base\_offset": 0, "array\_long\_index\_scale": 0, "array\_object\_base\_offset": 0, "array\_object\_index\_scale": 0, "array\_short\_base\_offset": 0, "array\_short\_index\_scale": 0, "invalid\_field\_offset": 0, "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." } } }, "ipv4": "string", "ipv6": "string", "log": { "root\_logger\_name": "string" }, "port": 0, "raw\_string": "string", "subnet": "string", "subnet\_sep": "string" } }'

Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

Add Witness VM details

Add witness VM details.

query Parameters

||| |---|---|| test\_only | boolean Witness VM details |

Request Body schema: application/json required

Witness VM details

||| |---|---|| address\_list | Array of objects (create.common.Address) || cluster\_name | string || cluster\_timestamp\_usecs | integer || cluster\_uuid | string || ip\_addresses | Array of strings || marked\_for\_removal | boolean || nos\_full\_version | string || nos\_version | string || password | string || username | string || uuid | string || witness\_name | string |

Responses

Successful operation

Any internal exception while performing this operation

post/cluster/metro\_witness

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/cluster/metro\\_witness](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/metro_witness)

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

### Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/metro_witness \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "address_list": [ { "hostname":
"string", "inet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec file that
can be downloaded from the documentation for more information.", "value": null }, "value": { "$assertions_disabled":
true, "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "address_cache_init": true, "cache_lock": {}, "cache_time": 0,
"cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "canonical_host_name": "string", "fields_offset": 0, "holder": { "address": 0,
"family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup_table":
{ "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ], "negative_cache": "This API
contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.", "name":
"string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a circular reference,
Refer to the spec file that can be downloaded from the documentation for more information.", "annotation": 0,
"annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": { "property1": {},
"property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "cached_constructor": "This API
contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": {
"property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"super_interfaces": [ {} ], "superclass": {} }, "initted": true, "name": "string", "new_instance_caller_cache": "This
API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "reflection_data": { "clock": 0, "timestamp": 0 }, "reflection_factory": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded
from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ],
"unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information." ], "unsafe": { "address_size": 0, "array_boolean_base_offset": 0,
"array_boolean_index_scale": 0, "array_byte_base_offset": 0, "array_byte_index_scale": 0, "array_char_base_offset": 0,
"array_char_index_scale": 0, "array_double_base_offset": 0, "array_double_index_scale": 0, "array_float_base_offset":
0, "array_float_index_scale": 0, "array_int_base_offset": 0, "array_int_index_scale": 0, "array_long_base_offset": 0,
"array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0, "array_short_base_offset":
0, "array_short_index_scale": 0, "invalid_field_offset": 0, "the_unsafe": "This API contains a circular reference,
Refer to the spec file that can be downloaded from the documentation for more information." } } }, "ipv4": "string",
"ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string", "subnet": "string",
"subnet_sep": "string" }, "cluster_name": "string", "cluster_timestamp_usecs": 0, "cluster_uuid": "string",
"ip_addresses": [ "string" ], "marked_for_removal": true, "nos_full_version": "string", "nos_version": "string",
"password": "string", "username": "string", "uuid": "string", "witness_name": "string" }'
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "address_list": [
  • {
    • "hostname": "string",
    • "inet_address": {
    • "empty": {
      • "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "value": null},
    • "value": {
      • "$assertions_disabled": true,
      • "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "address_cache_init": true,
      • "cache_lock": { },
      • "cache_time": 0,
      • "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "canonical_host_name": "string",
      • "fields_offset": 0,
      • "holder": {
      • "address": 0,
      • "family": 0,
      • "host_name": "string",
      • "original_host_name": "string"},
      • "impl": { },
      • "ipv4": 0,
      • "ipv6": 0,
      • "lookup_table": {
      • "property1": null,
      • "property2": null},
      • "max_cache_time": 0,
      • "name_services": [
      • { }},
      • "negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "prefer_ipv6_address": true,
      • "serial_persistent_fields": [
      • {
        • "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        • "name": "string",
        • "offset": 0,
        • "signature": "string",
        • "type": {
        • "all_perm_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        • "annotation": 0,
        • "annotation_data": {
          • "annotations": {
          • "property1": null,
          • "property2": null},
          • "declared_annotations": {
          • "property1": null,
          • "property2": null},
          • "redefined_count": 0},
        • "annotation_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
```



- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
  - "property1": null,
  - "property2": null},
- "enum\_constants": null,
- "generic\_info": {
  - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "super\_interfaces": [
    - null],
  - "superclass": { }},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
  - "clock": 0,
  - "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}],
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"),
  - "port": 0,
  - "raw\_string": "string",

- "subnet": "string",
- "subnet\_sep": "string"]],
- "cluster\_name": "string",
- "cluster\_timestamp\_usecs": 0,
- "cluster\_uuid": "string",
- "ip\_addresses": [
- "string"],
- "marked\_for\_removal": true,
- "nos\_full\_version": "string",
- "nos\_version": "string",
- "password": "string",
- "username": "string",
- "uuid": "string",
- "witness\_name": "string"

```
}`
```

## Delete a Metro Availability Witness

Delete a Metro Availability Witness

### path Parameters

| | | | --- | --- | | uuid required | string MA Witness uuid |

### query Parameters

| | | | --- | --- | | recover | boolean recover from an unsuccessful delete operation |

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation

delete/cluster/metro\_witness/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/metro\_witness/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/metro_witness/{uuid} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{  
  
  • "value": true  
  
}`
```

## Delete a Public Key.

Delete a Public Key with the specified name.

### path Parameters

||| | --- | --- || name required | string Name of the Public Key |

### Responses

#### 200

Successful operation

delete/cluster/public\_keys/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/public\_keys/{name}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/public_keys/{name} \ --header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{  
  
  • "value": true  
  
}`
```

## Delete an NTP server.

Delete an NTP server with the specified name.

### path Parameters

||| | --- | --- || ntp\_server required | string Name of NTP server |

### Responses

#### 200

Successful operation

delete/cluster/ntp\_servers/{ntp\_server}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/ntp\_servers/{ntp\_server}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/ntp_servers/{ntp_server} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

### Delete NFS the specified subnet whitelist entry.

Delete an address from the NFS subnet whitelist.

#### path Parameters

||| |---|---|| name required | string NFS Whitelist |

### Responses

#### 200

Successful operation

delete/cluster/nfs\_whitelist/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/nfs\_whitelist/{name}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/nfs_whitelist/{name} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
}`
```

## Delete SMTP server config.

Delete the SMTP server configuration.

### Responses

#### 200

Successful operation

delete/cluster/smtp

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/smtp

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/smtp \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
}`
```

## Delete the specified Name Server.

Delete a Name Server with the specified name.

### path Parameters

||| | --- | --- || nameServer required | string Name of a name server |

### Responses

#### 200

Successful operation

## 500

Any internal exception while performing this operation

delete/cluster/name\_servers/{nameServer}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/name\_servers/{nameServer}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/name_servers/{nameServer} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

```
{
```

- "value": true

```
}
```

### Delete the specified Rackable Unit.

Delete a Rackable Unit with the specified id.

#### path Parameters

| | | --- | --- | | uuid required | string Uuid of a Rackable Unit |

### Responses

## 200

Successful operation

delete/cluster/rackable\_units/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/rackable\_units/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/rackable_units/{uuid} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": true
}`
```

### Get a Public Key.

Get a Public Key with the specified name.

#### path Parameters

||| |---| | name required | string Name of the Public Key |

### Responses

#### 200

Successful operation

get/cluster/public\_keys/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/public\_keys/{name}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/public_keys/{name} \ --header 'Accept: application/json' \ --header
'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
  • "key": "string",
  • "name": "string"
}`
```

Get Cluster details.

Get the details of the cluster.

Responses

200

Successful operation

get/cluster

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "alert_summary": {
    "alert_summaries": {
      "property1": {
        "entities": [
          {
            "acknowledged": true,
            "acknowledged_by_username": "string",
            "acknowledged_time_stamp_in_usecs": 0,
            "affected_entities": [
              {
                "entity_name": "string",
                "entity_type": "string",
                "entity_type_display_name": "string",
                "id": "string",
                "uuid": "string"}],
            "alert_details": {
              "metric_details": [
                {
                  "comparison_operator": "string",
                  "condition_type": "STATIC_THRESHOLD",
                  "data_type": "LONG",
                  "entity_id": "string",
```



- "entity\_type": "string",
- "metric\_category": "string",
- "metric\_display\_name": "string",
- "metric\_name": "string",
- "metric\_value\_details": [
- null],
- "unit": "string"]],
- "severity\_trails": [
- {
- "severity": "string",
- "severity\_change\_timestamp\_in\_usecs": 0}}],
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
- "string"],
- "check\_id": "string",
- "classifications": [
- "string"],
- "cluster\_uuid": "string",
- "context\_types": [
- "string"],
- "context\_values": [
- "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
- "string"],
- "entity\_types": [
- "string"],
- "entity\_uuids": [
- "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
- "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
- {
- "actions": "string",
- "additional\_links": "string",
- "alert\_namespace": "string",
- "cause": "string",
- "chart\_queries": {
- "entities": [
- null],
- "error\_info": {
- "count": null,
- "entity\_list": [ ],
- "message": null},
- "metadata": {
- "count": null,
- "end\_index": null,
- "filter\_criteria": null,
- "grand\_total\_entities": null,

- "next\_cursor": null,
- "page": null,
- "previous\_cursor": null,
- "search\_string": null,
- "sort\_criteria": null,
- "start\_index": null,
- "total\_entities": null}},
- "details": "string",
- "has\_global\_details": true,
- "id": "string",
- "num\_resolved\_count": 0,
- "parent\_cause\_id": "string",
- "title": "string",
- "troubleshooting\_steps": "string"}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
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- "fields\_offset": 0,
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- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
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- "property2": null},
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- "name\_services": [
- { },
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- "prefer\_ipv6\_address": true,
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- "type": {
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- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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- "generic\_info": {
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- "superclass": { }},
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- "unshared": true}},
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  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
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  - "port": 0,
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  - "subnet": "string",
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- "impl": { },
- "ipv4": 0,
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    - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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- "unshared": true}],
- "unknown\_array": [
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- "array\_short\_index\_scale": 0,
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- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
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- "port": 0,
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- "subnet": "string",
- "subnet\_sep": "string"},
- "cluster\_masquerading\_ipaddress": "string",
- "cluster\_masquerading\_port": 0,
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- "desired\_redundancy\_factor": 0,
- "redundancy\_status": {
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- "desired\_resiliency\_preference": "DELAYED"},
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- "cluster\_usage\_warning\_alert\_threshold\_pct": 0,
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- "password": "string"},
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    - "fields\_offset": 0,
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    - "address": 0,
    - "family": 0,
    - "host\_name": "string",
    - "original\_host\_name": "string"},
    - "impl": { },
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    - "ipv6": 0,
    - "lookup\_table": {
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    - "property2": null},
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    - "name\_services": [
    - { }],
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- "declared\_annotations": {
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- "property2": null},
- "redefined\_count": 0},
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- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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- "superclass": { }},
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- "name": "string",
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- "serial\_persistent\_fields": [
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- "use\_caches": true},
- "unshared": true}},
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- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},

- "ipv4": "string",
- "ipv6": "string",
- "log": {
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- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}],
- "external\_subnet": "string",
- "fault\_tolerance\_domain\_type": "RACK",
- "fingerprint\_content\_cache\_percentage": 0,
- "full\_version": "string",
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- "message": "string"]}]},
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- "property2": {
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- "original\_host\_name": "string"},
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- "impl": { },
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- "lookup\_table": {
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- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { },
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
- {
- "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "name": "string",
- "offset": 0,
- "signature": "string",
- "type": {
- "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "annotation": 0,
- "annotation\_data": {
- "annotations": {
- "property1": null,
- "property2": null},
- "declared\_annotations": {
- "property1": null,
- "property2": null},
- "redefined\_count": 0},
- "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
- null],
- "superclass": { }},
- "initted": true,
- "name": "string",

- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
  - "clock": 0,
  - "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"},
  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
  - "subnet\_sep": "string"}],
  - "segmented\_iscsi\_data\_services\_ipaddress": "string",
  - "service\_centers": [
    - {
      - "ip\_address": "string",
      - "name": "string",
      - "port": 65536,
      - "username": "string"}],
  - "smtp\_server": {
    - "address": "string",
  - "email\_status": {
    - "last\_changed\_time\_stamp\_usecs": 0,
    - "last\_checked\_time\_stamp\_usecs": 0,
    - "last\_successful\_transmission\_time\_stamp\_usecs": 0,
    - "message": {
      - "attributes": {

- "property1": "string",
- "property2": "string"},
- "message": "string"},
- "status": "SUCCESS"},
- "from\_email\_address": "string",
- "password": "string",
- "port": 0,
- "secure\_mode": "STARTTLS",
- "server\_address": {
  - "hostname": "string",
  - "inet\_address": {
  - "empty": {
    - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "value": null},
- "value": {
  - "\$assertions\_disabled": true,
  - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "address\_cache\_init": true,
  - "cache\_lock": { },
  - "cache\_time": 0,
  - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "canonical\_host\_name": "string",
  - "fields\_offset": 0,
  - "holder": {
  - "address": 0,
  - "family": 0,
  - "host\_name": "string",
  - "original\_host\_name": "string"},
  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
  - "property1": null,
  - "property2": null},
  - "max\_cache\_time": 0,
  - "name\_services": [
  - { }],
  - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "prefer\_ipv6\_address": true,
  - "serial\_persistent\_fields": [
  - {
    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
    - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "annotation": 0,
    - "annotation\_data": {
      - "annotations": {
      - "property1": null,
      - "property2": null},
      - "declared\_annotations": {
      - "property1": null,
      - "property2": null},
      - "redefined\_count": 0},

- "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
  - "property1": null,
  - "property2": null},
- "enum\_constants": null,
- "generic\_info": {
  - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "super\_interfaces": [
    - null],
  - "superclass": { }},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
  - "clock": 0,
  - "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"),
  - "port": 0,

```
    • "raw_string": "string",
    • "subnet": "string",
    • "subnet_sep": "string"},
  • "username": "string"},
  • "ssd_pinning_percentage_limit": 0,
  • "stats": {
  • "property1": "string",
  • "property2": "string"},
  • "storage_type": "ALL_FLASH",
  • "support_verbosity_type": "NOTHING",
  • "target_version": "string",
  • "threshold_for_storage_thin_provision": 0.1,
  • "timezone": "string",
  • "usage_stats": {
  • "property1": "string",
  • "property2": "string"},
  • "uuid": "string",
  • "version": "string"
}
```

## Get domain fault tolerance status for the specified domain

Get domain fault tolerance status of the cluster for the specified domain

### path Parameters

||| | --- | --- || domainType required | string Type of tolerance domain |

### Responses

#### 200

Successful operation

get/cluster/domain\_fault\_tolerance\_status/{domainType}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/domain\_fault\_tolerance\_status/{domainType}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/domain_fault_tolerance_status/{domainType} \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "cluster\_non\_fault\_tolerant\_entries": 0,
- "cluster\_under\_replicated\_data\_bytes": 0,
- "component\_fault\_tolerance\_status": {
- "property1": {
  - "component\_type": "EXTENT\_GROUPS",
  - "details": {
  - "attributes": {
    - "property1": "string",
    - "property2": "string"},
    - "message": "string"},
    - "last\_updated\_time\_in\_usecs": 0,
    - "number\_of\_failures\_tolerable": 0,
    - "under\_computation": true},
- "property2": {
  - "component\_type": "EXTENT\_GROUPS",
  - "details": {
  - "attributes": {
    - "property1": "string",
    - "property2": "string"},
    - "message": "string"},
    - "last\_updated\_time\_in\_usecs": 0,
    - "number\_of\_failures\_tolerable": 0,
    - "under\_computation": true}},
- "domain\_type": "RACK"

}`

## Get NFS subnet whitelist.

Get the NFS subnet whitelist on the cluster.

### Responses

200

Successful operation

get/cluster/nfs\_whitelist

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/nfs\_whitelist

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/nfs_whitelist \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
...
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
```

- {}

```
]
```

**Get Remote Support settings.**

Get the status of Remote Support settings on the cluster.

**Responses**

**200**

Successful operation

get/cluster/remote\_support

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/remote\_support

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/remote_support \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "enable": {
- "duration": 0,
- "enabled": true},
- "tunnel\_details": {
- "connection\_status": {
  - "last\_changed\_time\_stamp\_usecs": 0,
  - "last\_checked\_time\_stamp\_usecs": 0,
  - "last\_successful\_transmission\_time\_stamp\_usecs": 0,
  - "message": {
  - "attributes": {
    - "property1": "string",
    - "property2": "string"},
    - "message": "string"},
    - "status": "SUCCESS"},
    - "http\_proxy": {
      - "address": "string",

- "address\_value": {
- "hostname": "string",
- "inet\_address": {
  - "empty": {
  - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "value": null},
  - "value": {
  - "\$assertions\_disabled": true,
  - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "address\_cache\_init": true,
  - "cache\_lock": { },
  - "cache\_time": 0,
  - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "canonical\_host\_name": "string",
  - "fields\_offset": 0,
  - "holder": {
    - "address": 0,
    - "family": 0,
    - "host\_name": "string",
    - "original\_host\_name": "string"},
  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
    - "property1": null,
    - "property2": null},
  - "max\_cache\_time": 0,
  - "name\_services": [
    - { }],
  - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "prefer\_ipv6\_address": true,
  - "serial\_persistent\_fields": [
    - {
    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
      - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "annotation": 0,
      - "annotation\_data": {
      - "annotations": { },
      - "declared\_annotations": { },
      - "redefined\_count": null},
      - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "class\_redefined\_count": 0,
      - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "enum": 0,
      - "enum\_constant\_directory": {
        - "property1": null,
        - "property2": null},
        - "enum\_constants": null,
        - "generic\_info": {
        - "none": null,



- "super\_interfaces": [ ],
- "superclass": null},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": null,
- "timestamp": null},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
- null],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true)],
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "name": "string",
- "password": "string",
- "port": 65536,
- "proxy\_types": [
- "HTTP"],
- "username": "string"},
- "service\_center": {
- "ip\_address": "string",
- "name": "string",
- "port": 65536,

```
    • "username": "string"},
  • "transport_status": {
    • "last_changed_time_stamp_usecs": 0,
    • "last_checked_time_stamp_usecs": 0,
    • "last_successful_transmission_time_stamp_usecs": 0,
    • "message": {
    • "attributes": {
      • "property1": "string",
      • "property2": "string"},
    • "message": "string"},
    • "status": "SUCCESS"}}
}`
```

## Get spotlight search results.

Perform a spotlight search on the cluster.

### query Parameters

| | | | --- | --- | | search\_string required | string Search string | | entity\_types | Array of strings Entity types | | field\_names | Array of strings Field Names | | maxCount  
| integer Maximum entities to retrieve, the default value is 100 |

### Responses

#### 200

Successful operation

get/cluster/search

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/search

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/search \ --header 'Accept: application/json' \ --header
'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
  • {
  • "cluster_name": "string",
  • "cluster_uuid": "string",
  • "entity_id": "string",
  • "entity_name": "string",
```

- "entity\_type": "string",
- "entity\_uuid": "string",
- "field\_name": "string",
- "field\_value": "string"}

]

Get the list of Cluster stats.

Get the stats for the specified metrics. If start time and end time are included in the query string, then historical stats are retrieved. Otherwise, the latest stats are retrieved.

query Parameters

| | | | --- | --- | | metrics required | Array of strings List of metrics | | start\_time\_in\_usecs required | integer Start time in microseconds | | end\_time\_in\_usecs required | integer End time in microseconds | | interval\_in\_secs required | integer Sampling interval of stats |

Responses

200

Successful operation

get/cluster/stats

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/stats

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/stats \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "stats_specific_responses": [
    {
      "interval_in_secs": 0,
      "message": "string",
      "metric": "string",
      "start_time_in_usecs": 0,
      "successful": true,
      "values": [
        0
      ]
    }
  ]
}
```

**Get the list of Name Servers.**

Get the list of Name Servers configured on the cluster.

**Responses**

**200**

Successful operation

get/cluster/name\_servers

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/name\_servers

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/name_servers \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
• {}
]`
```

**Get the list of NTP servers.**

Get the list of NTP servers configured on the cluster.

**Responses**

**200**

Successful operation

**500**

Any internal exception while performing this operation

get/cluster/ntp\_servers

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/ntp\_servers

**Request samples**

- cURL
- Wget
- Python

- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/ntp_servers \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

#### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
• {}
]`
```

#### Get the list of Public Keys.

Get the list of Public Keys configured in the cluster.

#### Responses

##### 200

Successful operation

get/cluster/public\_keys

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/public\_keys

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/public_keys \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

#### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[  
  
  • {  
  • "key": "string",  
  • "name": "string"}  
  
]
```

## Get the list of Rackable Units.

Get the list of Rackable Units configured on the cluster.

### Responses

#### 200

Successful operation

get/cluster/rackable\_units

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/rackable\_units

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/rackable_units \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \  
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[  
  
  • {  
  • "id": 0,  
  • "location": "string",  
  • "model": "string",  
  • "model_name": "string",  
  • "node_uuids": [  
    • "string"],  
  • "nodes": [  
    • 0],  
  • "positions": [  
    • "string"],  
  • "rackable_unit_uuid": "string",  
  • "serial": "string"}  
  
]
```

## Get the SMTP security modes.

Get the list of supported security modes for the SMTP server.

### Responses

#### 200

Successful operation

get/cluster/smtp/security\_modes

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/smtp/security\_modes

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
`` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/smtp/security_modes \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
``
```

### Response samples

- 200

Content type

application/json

Copy

```
`[
```

- "STARTTLS"

```
]
```

## Get the SMTP server config.

Get the SMTP server configuration.

### Responses

#### 200

Successful operation

get/cluster/smtp

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/smtp

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

...

- [illegible]



- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
  - {
    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
      - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "annotation": 0,
      - "annotation\_data": {
      - "annotations": {
        - "property1": { },
        - "property2": { }},
        - "declared\_annotations": {
          - "property1": { },
          - "property2": { }},
          - "redefined\_count": 0},
          - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "class\_redefined\_count": 0,
          - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "enum": 0,
          - "enum\_constant\_directory": {
          - "property1": null,
          - "property2": null},
          - "enum\_constants": null,
          - "generic\_info": {
          - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "super\_interfaces": [
            - { }},
            - "superclass": { }},
            - "initted": true,
            - "name": "string",
            - "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
            - "reflection\_data": {
            - "clock": 0,
            - "timestamp": 0},
            - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
            - "serial\_persistent\_fields": [
              - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
              - "synthetic": 0,
              - "use\_caches": true},
              - "unshared": true}],
    - "unknown\_array": [
      - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "unsafe": {
      - "address\_size": 0,
      - "array\_boolean\_base\_offset": 0,
      - "array\_boolean\_index\_scale": 0,
      - "array\_byte\_base\_offset": 0,
      - "array\_byte\_index\_scale": 0,
      - "array\_char\_base\_offset": 0,

- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
  - "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "username": "string"

```
}`
```

## Get the specified Rackable Unit.

Get a Rackable Unit with the specified id.

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of a Rackable Unit |

### Responses

#### 200

Successful operation

get/cluster/rackable\_units/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/rackable\_units/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/rackable_units/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "id": 0,
  • "location": "string",
  • "model": "string",
  • "model_name": "string",
  • "node_uuids": [
  • "string",
  • "nodes": [
  • ],
  • "positions": [
  • "string",
  • "rackable_unit_uuid": "string",
  • "serial": "string"
}`
```

List All Metro Availability Witnesses

List All Metro Availability Witnesses

Responses

200

Successful operation

500

Any internal exception while performing this operation

get/cluster/metro\_witness

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/metro\_witness

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/metro_witness \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`[

- {
- "address\_list": [
  - {
  - "hostname": "string",
  - "inet\_address": {
    - "empty": {
    - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "value": null},
    - "value": {
    - "\$assertions\_disabled": true,
    - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "address\_cache\_init": true,
    - "cache\_lock": { },
    - "cache\_time": 0,
    - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "canonical\_host\_name": "string",
    - "fields\_offset": 0,
    - "holder": {
      - "address": 0,
      - "family": 0,
      - "host\_name": "string",
      - "original\_host\_name": "string"},
    - "impl": { },
    - "ipv4": 0,
    - "ipv6": 0,
    - "lookup\_table": {
      - "property1": null,
      - "property2": null},
    - "max\_cache\_time": 0,
    - "name\_services": [
      - { }],
    - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "prefer\_ipv6\_address": true,
    - "serial\_persistent\_fields": [
      - {
      - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "name": "string",
      - "offset": 0,
      - "signature": "string",
      - "type": {
        - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "annotation": 0,
        - "annotation\_data": {
        - "annotations": { },
        - "declared\_annotations": { },
        - "redefined\_count": null},
        - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "class\_redefined\_count": 0,
        - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "enum": 0,
        - "enum\_constant\_directory": {
        - "property1": null,

- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": null,
- "super\_interfaces": [ ],
- "superclass": null},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": null,
- "timestamp": null},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
- null],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}],
- "cluster\_name": "string",
- "cluster\_timestamp\_usecs": 0,
- "cluster\_uuid": "string",
- "ip\_addresses": [
- "string"],
- "marked\_for\_removal": true,

- "nos\_full\_version": "string",
- "nos\_version": "string",
- "password": "string",
- "username": "string",
- "uuid": "string",
- "witness\_name": "string"}

]

## List domain fault tolerance status for all the domains

List domain fault tolerance status of the cluster for all the domains

### Responses

200

Successful operation

get/cluster/domain\_fault\_tolerance\_status

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/domain\_fault\_tolerance\_status

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/domain_fault_tolerance_status \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`[

- {
- "cluster\_non\_fault\_tolerant\_entries": 0,
- "cluster\_under\_replicated\_data\_bytes": 0,
- "component\_fault\_tolerance\_status": {
  - "property1": {
  - "component\_type": "EXTENT\_GROUPS",
  - "details": {
    - "attributes": {
    - "property1": "string",
    - "property2": "string",
    - "message": "string",
  - "last\_updated\_time\_in\_usecs": 0,
  - "number\_of\_failures\_tolerable": 0,
  - "under\_computation": true},

- "property2": {
- "component\_type": "EXTENT\_GROUPS",
- "details": {
  - "attributes": {
  - "property1": "string",
  - "property2": "string"},
  - "message": "string"},
- "last\_updated\_time\_in\_usecs": 0,
- "number\_of\_failures\_tolerable": 0,
- "under\_computation": true}},
- "domain\_type": "RACK"}

]

## Modify Cluster params.

Modify the params of the cluster.

### Request Body schema: application/json required

A Cluster instance

||| --- | --- || cluster\_uuid | string | | generic\_dto | object (patch.dto.appliance.configuration.ClusterDTO) | | operation | string |

## Responses

200

Successful operation

patch/cluster

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/cluster](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster)

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PATCH \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid": "string", "generic_dto": { "alert_summary": { "alert_summaries": { "property1": { "entities": [ { "acknowledged": true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0, "affected_entities": [ { "entity_name": "string", "entity_type": "string", "entity_type_display_name": "string", "id": "string", "uuid": "string" } ] }, "alert_details": { "metric_details": [ { "comparison_operator": "string", "condition_type": "STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string", "entity_type": "string", "metric_category": "string", "metric_display_name": "string", "metric_name": "string", "metric_value_details": [ { "metric_threshold_value": "string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ] }, "unit": "string" } ] }, "severity_trails": [ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] }, "alert_title": "string", "alert_type_uuid": "string", "auto_resolved": true, "categories": [ "string" ], "check_id": "string", "classifications": [ "string" ], "cluster_uuid": "string", "context_types": [ "string" ], "context_values": [ "string" ], "created_time_stamp_in_usecs": 0, "detailed_message": "string", "entity_ids": [ "string" ], "entity_types": [ "string" ], "entity_uuids": [ "string" ], "id": "string", "impact": "string", "impact_types": [ "string" ], "last_occurrence_time_stamp_in_usecs": 0, "message": "string", "node_uuid": "string", "operation_type": "string", "originating_cluster_uuid": "string", "possible_causes": [ { "actions": "string", "additional_links": "string", "alert_namespace": "string", "cause": "string", "chart_queries": { "entities": [ { "actions": "string", "alerts": "string", "cadmus": "string", "entities": "string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ] }, "instances": [ { "additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ] }, "title": "string" }, "perspectives": [ { "format": "TABLE", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ] }, "instances": [ { "additional_fields": { "property1": "string", "property2":
```

```
"string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string", "entity_id":  
"string", "entity_name": "string", "entity_type": "PAGE" } ], "title": "string" }, "query": null, "result": null,  
"type": "string" } ] } ], "error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": {  
"count": 0, "end_index": 0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0,  
"previous_cursor": "string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities":  
0 } }, "details": "string", "has_global_details": true, "id": "string", "num_resolved_count": 0, "parent_cause_id":  
"string", "title": "string", "troubleshooting_steps": "string" } ], "resolved": true, "resolved_by_username": "string",  
"resolved_time_stamp_in_usecs": 0, "service_vmid": "string", "severity": "string", "user_defined": true } ],  
"error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index":  
0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor":  
"string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "property2":  
{ "entities": [ { "acknowledged": true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0,  
"affected_entities": [ { "entity_name": "string", "entity_type": "string", "entity_type_display_name": "string", "id":  
"string", "uuid": "string" } ], "alert_details": { "metric_details": [ { "comparison_operator": "string",  
"condition_type": "STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string", "entity_type": "string",  
"metric_category": "string", "metric_display_name": "string", "metric_name": "string", "metric_value_details": [ {  
"metric_threshold_value": "string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ], "unit":  
"string" } ], "severity_trails": [ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] },  
"alert_title": "string", "alert_type_uuid": "string", "auto_resolved": true, "categories": [ "string" ], "check_id":  
"string", "classifications": [ "string" ], "cluster_uuid": "string", "context_types": [ "string" ], "context_values": [  
"string" ], "created_time_stamp_in_usecs": 0, "detailed_message": "string", "entity_ids": [ "string" ], "entity_types":  
[ "string" ], "entity_uuids": [ "string" ], "id": "string", "impact": "string", "impact_types": [ "string" ],  
"last_occurrence_time_stamp_in_usecs": 0, "message": "string", "node_uuid": "string", "operation_type": "string",  
"originating_cluster_uuid": "string", "possible_causes": [ { "actions": "string", "additional_links": "string",  
"alert_namespace": "string", "cause": "string", "chart_queries": { "entities": [ { "actions": "string", "alerts":  
"string", "cadmus": "string", "entities": "string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [ {  
"display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ {  
"additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field":  
"string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ],  
"title": "string" }, "perspectives": [ { "format": "TABLE", "metadata": { "entity_type": "PAGE", "filters": [ {  
"display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ {  
"additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field":  
"string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ],  
"title": "string" }, "query": null, "result": null, "type": "string" } ] } ], "error_info": { "count": 0,  
"entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index": 0, "filter_criteria":  
"string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor": "string", "search_string":  
"string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "details": "string",  
"has_global_details": true, "id": "string", "num_resolved_count": 0, "parent_cause_id": "string", "title": "string",  
"troubleshooting_steps": "string" } ], "resolved": true, "resolved_by_username": "string",  
"resolved_time_stamp_in_usecs": 0, "service_vmid": "string", "severity": "string", "user_defined": true } ],  
"error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index":  
0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor":  
"string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } } }, "count": 0  
, "all_hyperv_nodes_in_failover_cluster": true, "block_serials": [ "string" ], "cloudcluster": true, "cluster_arch":  
"string", "cluster_data_state": { "cluster_available": true, "cluster_data_available": true,  
"cluster_register_time_usecs": 0, "cluster_uuid": "string", "first_unavailable_time_usecs": 0,  
"last_alerts_data_transferred_usecs": 0, "last_arithmos_data_transferred_usecs": 0 }, "cluster_external_address": [ {  
"hostname": "string", "inet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec  
file that can be downloaded from the documentation for more information.", "value": null }, "value": {  
"$assertions_disabled": true, "address_cache": "This API contains a circular reference, Refer to the spec file that can  
be downloaded from the documentation for more information.", "address_cache_init": true, "cache_lock": {},  
"cache_time": 0, "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be  
downloaded from the documentation for more information.", "canonical_host_name": "string", "fields_offset": 0,  
"holder": { "address": 0, "family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0,  
"ipv6": 0, "lookup_table": { "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ] },  
"negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the  
documentation for more information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API  
contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more  
information.", "name": "string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a  
circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",  
"annotation": 0, "annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": {  
"property1": {}, "property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference,  
Refer to the spec file that can be downloaded from the documentation for more information.", "cached_constructor":  
"This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more  
information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the  
spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": {  
"property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular  
reference, Refer to the spec file that can be downloaded from the documentation for more information.",  
"super_interfaces": [ {} ], "superclass": {} }, "initted": true, "name": "string", "new_instance_caller_cache": "This
```



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```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

## Modify the SMTP server config.

Modify the SMTP server configuration.

**Request Body schema: application/json required**

An SMTP Server instance

||| --- | --- || cluster\_uuid | string || generic\_dto | object (patch.dto.appliance.configuration.SmtServerDTO) || operation | string |

## Responses

200

Successful operation

patch/cluster/smtp

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/smtp

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PATCH \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/smtp \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid": "string", "generic_dto": {
"address": "string", "email_status": { "last_changed_time_stamp_usecs": 0, "last_checked_time_stamp_usecs": 0,
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## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

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- "email\_status": {
- "last\_changed\_time\_stamp\_usecs": 0,
- "last\_checked\_time\_stamp\_usecs": 0,
- "last\_successful\_transmission\_time\_stamp\_usecs": 0,
- "message": {
  - "attributes": {
  - "property1": "string",
  - "property2": "string"},
  - "message": "string"},
- "status": "SUCCESS"},
- "from\_email\_address": "string",
- "password": "string",
- "port": 0,
- "secure\_mode": "STARTTLS",
- "server\_address": {
- "hostname": "string",
- "inet\_address": {
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  - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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- "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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- "cache\_lock": { },
- "cache\_time": 0,
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- "fields\_offset": 0,
- "holder": {
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  - "family": 0,
  - "host\_name": "string",
  - "original\_host\_name": "string"},
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- "ipv6": 0,
- "lookup\_table": {
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- "name\_services": [
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- "serial\_persistent\_fields": [
  - {
    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
      - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "annotation": 0,
      - "annotation\_data": {
      - "annotations": {
        - "property1": { },
        - "property2": { },
      - "declared\_annotations": {
        - "property1": { },
        - "property2": { },
      - "redefined\_count": 0,
      - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "class\_redefined\_count": 0,
      - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "enum": 0,
      - "enum\_constant\_directory": {
      - "property1": null,
      - "property2": null},
      - "enum\_constants": null,
      - "generic\_info": {
      - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "super\_interfaces": [
        - { },
      - "superclass": { },
      - "initted": true,

- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": 0,
- "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}],
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "username": "string"

```
}`
```

## Update a Metro Availability Witness

Update a Metro Availability Witness

### path Parameters

||| | --- | --- || uuid required | string MA Witness uuid |

### Request Body schema: application/json required

MA Witness update details

||| | --- | --- || password | string || uuid | string |

Responses

200

Successful operation

500

Any internal exception while performing this operation

put/cluster/metro\_witness/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/metro\_witness/{uuid}

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/metro_witness/{uuid} \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "password": "string",
"uuid": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "address_list": [
    {
      "hostname": "string",
      "inet_address": {
        "empty": {
          "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          "value": null},
        "value": {
          "$assertions_disabled": true,
          "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          "address_cache_init": true,
          "cache_lock": { },
          "cache_time": 0,
          "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          "canonical_host_name": "string",
          "fields_offset": 0,
          "holder": {
            "address": 0,
            "family": 0,
            "host_name": "string",
            "original_host_name": "string"},
            "impl": { },
            "ipv4": 0,
```

- "ipv6": 0,
- "lookup\_table": {
- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
- {
- "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "name": "string",
- "offset": 0,
- "signature": "string",
- "type": {
- "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "annotation": 0,
- "annotation\_data": {
- "annotations": {
- "property1": null,
- "property2": null},
- "declared\_annotations": {
- "property1": null,
- "property2": null},
- "redefined\_count": 0},
- "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
- null],
- "superclass": { }},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": 0,
- "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],

- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}},
- "cluster\_name": "string",
- "cluster\_timestamp\_usecs": 0,
- "cluster\_uuid": "string",
- "ip\_addresses": [
- "string"],
- "marked\_for\_removal": true,
- "nos\_full\_version": "string",
- "nos\_version": "string",
- "password": "string",
- "username": "string",
- "uuid": "string",
- "witness\_name": "string"

```
}`
```

## Update Cluster params.

Update the params of the cluster.

### Request Body schema: application/json required

A Cluster instance

```
||| |---|---|| alert_summary | object (update.dto.alerts.AlertSummaryDTO) || all_hyperv_nodes_in_failover_cluster | boolean || block_serials | Array of strings ||
cloudcluster | boolean || cluster_arch | string || cluster_data_state | object (update.dto.multicloud.ClusterDataStateDTO) || cluster_external_address | Array of
objects (update.common.Address) || cluster_external_data_services_address | object (update.common.Address) || cluster_external_data_services_ipaddress |
string || cluster_external_ipaddress | string || cluster_fully_qualified_domain_name | string || cluster_functions | Array of strings unique Items Enum: "NDFS"
"MULTICLOUD" "CLOUDDATAGATEWAY" "MINERVA" "SINGLE_NODE" "TWO_NODE" "PLATFORM" || cluster_gpus | Array of strings ||
cluster_incarnation_id | integer || cluster_masquerading_address | object (update.common.Address) || cluster_masquerading_ipaddress | string ||
cluster_masquerading_port | integer || cluster_redundancy_state | object (update.dto.appliance.configuration.ClusterRedundancyStateDTO) ||
cluster_resiliency_preference | object (update.dto.appliance.configuration.ClusterResiliencyPreferenceDTO) || cluster_usage_critical_alert_threshold_pct |
integer || cluster_usage_warning_alert_threshold_pct | integer || cluster_uuid | string || common_criteria_mode | boolean || credential | object
```

(update.dto.hyperv.CredentialDTO) || data\_in\_transit\_encryption\_dto | object (update.dto.appliance.configuration.DataInTransitEncryptionDTO) || disable\_degraded\_node\_monitoring | boolean || domain | string || enable\_efficient\_metric\_sync | boolean || enable\_lock\_down | boolean || enable\_on\_disk\_dedup | boolean || enable\_password\_remote\_login\_to\_cluster | boolean || enable\_rebuild\_reservation | boolean || enable\_rf1\_container | boolean || enable\_shadow\_clones | boolean || encrypted | boolean || enforce\_rackable\_unit\_aware\_placement | boolean || external\_address | Array of objects (update.common.Address) || external\_subnet | string || fault\_tolerance\_domain\_type | string Enum: "RACK" "RACKABLE\_UNIT" "NODE" "DISK" "CLUSTER" "CUSTOM" || fingerprint\_content\_cache\_percentage | integer || full\_version | string || global\_nfs\_white\_list | Array of strings || global\_nfs\_white\_list\_address | Array of objects (update.common.Address) || gpu\_driver\_version | string || has\_self\_encrypting\_drive | boolean || health\_summary | object (update.dto.health.check.HealthSummaryDTO) || http\_proxies | Array of objects (update.dto.appliance.configuration.HttpProxyDTO) || hypervisor\_ldap\_config | object (update.dto.appliance.configuration.ClusterDTO\_HypervisorLdapConfigDTO) || hypervisor\_security\_compliance\_config | object (update.dto.appliance.configuration.ClusterDTO\_HypervisorSecurityComplianceConfigDTO) || hypervisor\_types | Array of strings unique Items Enum: "kVMware" "kXen" "kHyperv" "kKvm" "kAmazonWebServices" "kVCenter" "kAcropolis" "kSCVMM" "kNull" || id | string || internal\_address | Array of objects (update.common.Address) || internal\_subnet | string || is\_its | boolean || is\_nsenabled | boolean || is\_registered\_to\_pc | boolean || is\_ssp\_enabled | boolean || is\_upgrade\_in\_progress | boolean || iscsi\_config | object (update.dto.appliance.configuration.ClusterDTO\_IscsiConfig) || management\_servers | Array of objects (update.dto.uhura.ManagementServerInfoDTO) || multicluster | boolean || name | string || name\_servers | Array of strings || name\_servers\_list | Array of objects (update.common.Address) || ncc\_version | string || nos\_cluster\_and\_hosts\_domain\_joined | boolean || ntp\_servers | Array of strings || ntp\_servers\_list | Array of objects (update.common.Address) || num\_nodes | integer || operation\_mode | string Enum: "NORMAL" "OVERRIDE" "READONLY" "STANDALONE" "SWITCH\_TO\_TWO\_NODE" || public\_keys | Array of objects (update.dto.appliance.configuration.ClusterDTO\_PublicKeyDTO) || rackable\_units | Array of objects (update.dto.appliance.configuration.RackableUnitDTO) || recycle\_bin\_dto | object (update.dto.appliance.configuration.RecycleBinDTO) || security\_compliance\_config | object (update.dto.appliance.configuration.ClusterDTO\_SecurityComplianceConfigDTO) || segmented\_iscsi\_data\_services\_address | Array of objects (update.common.Address) || segmented\_iscsi\_data\_services\_ipaddress | string || service\_centers | Array of objects (update.dto.appliance.configuration.ServiceCenterDTO) || smtp\_server | object (update.dto.appliance.configuration.SmtpServerDTO) || ssd\_pinning\_percentage\_limit | integer || stats | object || storage\_type | string Enum: "ALL\_FLASH" "MIXED" "ALL\_HDD" || support\_verbosity\_type | string Enum: "NOTHING" "BASIC" "BASIC\_COREDUMP" || target\_version | string || threshold\_for\_storage\_thin\_provision | number || timezone | string || usage\_stats | object || uuid | string || version | string |

## Responses

200

Successful operation

put/cluster

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "alert_summary": { "alert_summaries": { "property1": { "entities": [ { "acknowledged": true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0, "affected_entities": [ { "entity_name": "string", "entity_type": "string", "entity_type_display_name": "string", "id": "string", "uuid": "string" } ], "alert_details": { "metric_details": [ { "comparison_operator": "string", "condition_type": "STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string", "entity_type": "string", "metric_category": "string", "metric_display_name": "string", "metric_name": "string", "metric_value_details": [ { "metric_threshold_value": "string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ], "unit": "string" } ], "severity_trails": [ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] }, "alert_title": "string", "alert_type_uuid": "string", "auto_resolved": true, "categories": [ "string" ], "check_id": "string", "classifications": [ "string" ], "cluster_uuid": "string", "context_types": [ "string" ], "context_values": [ "string" ], "created_time_stamp_in_usecs": 0, "detailed_message": "string", "entity_ids": [ "string" ], "entity_types": [ "string" ], "entity_uuids": [ "string" ], "id": "string", "impact": "string", "impact_types": [ "string" ], "last_occurrence_time_stamp_in_usecs": 0, "message": "string", "node_uuid": "string", "operation_type": "string", "originating_cluster_uuid": "string", "possible_causes": [ { "actions": "string", "additional_links": "string", "alert_namespace": "string", "cause": "string", "chart_queries": { "entities": [ { "actions": "string", "alerts": "string", "cadmus": "string", "entities": "string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ { "additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ], "title": "string" }, "perspectives": [ { "format": "TABLE", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ { "additional_fields": { "property1": "string", "property2": "string" },
```

```
"cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string", "entity_id": "string",
"entity_name": "string", "entity_type": "PAGE" } ], "title": "string" }, "query": null, "result": null, "type":
"string" } ] } ], "error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": {
"count": 0, "end_index": 0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0,
"previous_cursor": "string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities":
0 } }, "details": "string", "has_global_details": true, "id": "string", "num_resolved_count": 0, "parent_cause_id":
"string", "title": "string", "troubleshooting_steps": "string" } ], "resolved": true, "resolved_by_username": "string",
"resolved_time_stamp_in_usecs": 0, "service_vmid": "string", "severity": "string", "user_defined": true } ],
"error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index":
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"string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "property2":
{ "entities": [ { "acknowledged": true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0,
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"string", "uuid": "string" } ], "alert_details": { "metric_details": [ { "comparison_operator": "string",
"condition_type": "STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string", "entity_type": "string",
"metric_category": "string", "metric_display_name": "string", "metric_name": "string", "metric_value_details": [ {
"metric_threshold_value": "string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ], "unit":
"string" } ], "severity_trails": [ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] },
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"string", "classifications": [ "string" ], "cluster_uuid": "string", "context_types": [ "string" ], "context_values": [
"string" ], "created_time_stamp_in_usecs": 0, "detailed_message": "string", "entity_ids": [ "string" ], "entity_types":
[ "string" ], "entity_uuids": [ "string" ], "id": "string", "impact": "string", "impact_types": [ "string" ],
"last_occurrence_time_stamp_in_usecs": 0, "message": "string", "node_uuid": "string", "operation_type": "string",
"originating_cluster_uuid": "string", "possible_causes": [ { "actions": "string", "additional_links": "string",
"alert_namespace": "string", "cause": "string", "chart_queries": { "entities": [ { "actions": "string", "alerts":
"string", "cadmus": "string", "entities": "string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [
{ "display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ {
"additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field":
"string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ],
"title": "string" }, "perspectives": [ { "format": "TABLE", "metadata": { "entity_type": "PAGE", "filters": [ {
"display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ {
"additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field":
"string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ],
"title": "string" }, "query": null, "result": null, "type": "string" } ] } ], "error_info": { "count": 0,
"entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index": 0, "filter_criteria":
"string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor": "string", "search_string":
"string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "details": "string",
"has_global_details": true, "id": "string", "num_resolved_count": 0, "parent_cause_id": "string", "title": "string",
"troubleshooting_steps": "string" } ], "resolved": true, "resolved_by_username": "string",
"resolved_time_stamp_in_usecs": 0, "service_vmid": "string", "severity": "string", "user_defined": true } ],
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"string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } } }, "count": 0
}, "all_hyperv_nodes_in_failover_cluster": true, "block_serials": [ "string" ], "cloudcluster": true, "cluster_arch":
"string", "cluster_data_state": { "cluster_available": true, "cluster_data_available": true,
"cluster_register_time_usecs": 0, "cluster_uuid": "string", "first_unavailable_time_usecs": 0,
"last_alerts_data_transferred_usecs": 0, "last_arithmos_data_transferred_usecs": 0 }, "cluster_external_address": [ {
"hostname": "string", "inet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec
file that can be downloaded from the documentation for more information.", "value": null }, "value": {
"$assertions_disabled": true, "address_cache": "This API contains a circular reference, Refer to the spec file that can
be downloaded from the documentation for more information.", "address_cache_init": true, "cache_lock": {},
"cache_time": 0, "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be
downloaded from the documentation for more information.", "canonical_host_name": "string", "fields_offset": 0,
"holder": { "address": 0, "family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0,
"ipv6": 0, "lookup_table": { "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ] },
"negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API
contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "name": "string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a
circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"annotation": 0, "annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": {
"property1": {}, "property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference,
Refer to the spec file that can be downloaded from the documentation for more information.", "cached_constructor":
"This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": {
"property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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"property1": "string", "property2": "string" }, "uuid": "string", "version": "string" }'
```

**Response samples**

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

**Update Remote Support settings.**

Update the Remote Support settings on the cluster.

**Request Body schema: application/json required**

A Timed Bool instance

```
||| |---|---|| duration | integer || enabled | boolean |
```

**Responses**

**200**

Successful operation

put/cluster/remote\_support

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/cluster/remote\_support

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/remote_support \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "duration": 0, "enabled": true }'
```

**Response samples**

- 200

Content type

application/json

Copy

```
{
```

- "value": true

```
}`
```

## Update the SMTP server config.

Update the SMTP server configuration.

### Request Body schema: application/json

An SMTP Server instance

```
||| |---|---|| address | string | | email_status | object (update.dto.base.CommunicationStatusDTO) | | from_email_address | string | | password | string | | port | integer | | secure_mode | string Enum: "STARTTLS" "SSL" "NONE" | | server_address | object (update.common.Address) | | username | string |
```

### Responses

#### 200

Successful operation

put/cluster/smtp

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/cluster/smtp](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/smtp)

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/cluster/smtp \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "address": "string", "email_status": { "last_changed_time_stamp_usecs": 0, "last_checked_time_stamp_usecs": 0, "last_successful_transmission_time_stamp_usecs": 0, "message": { "attributes": { "property1": "string", "property2": "string" }, "message": "string" }, "status": "SUCCESS" }, "from_email_address": "string", "password": "string", "port": 0, "secure_mode": "STARTTLS", "server_address": { "hostname": "string", "inet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "value": null }, "value": { "$assertions_disabled": true, "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "address_cache_init": true, "cache_lock": {}, "cache_time": 0, "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "canonical_host_name": "string", "fields_offset": 0, "holder": { "address": 0, "family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup_table": { "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ] }, "negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "name": "string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "annotation": 0, "annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": { "property1": {}, "property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "cached_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": { "property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "super_interfaces": [ {} ], "superclass": {} }, "initiated": true, "name": "string", "new_instance_caller_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "reflection_data": { "clock": 0, "timestamp": 0 }, "reflection_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ], "unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "unsafe": { "address_size": 0,
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```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  • "address": "string",
  • "email_status": {
  • "last_changed_time_stamp_usecs": 0,
  • "last_checked_time_stamp_usecs": 0,
  • "last_successful_transmission_time_stamp_usecs": 0,
  • "message": {
    • "attributes": {
      • "property1": "string",
      • "property2": "string"},
    • "message": "string"},
  • "status": "SUCCESS",
  • "from_email_address": "string",
  • "password": "string",
  • "port": 0,
  • "secure_mode": "STARTTLS",
  • "server_address": {
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        • "host_name": "string",
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      • "ipv4": 0,
      • "ipv6": 0,
      • "lookup_table": {
        • "property1": null,
```



- "property2": null},
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- "name\_services": [
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        - "property2": null},
        - "enum\_constants": null,
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- "array\_long\_base\_offset": 0,
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- "array\_object\_base\_offset": 0,
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- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},

- "ipv4": "string",
- "ipv6": "string",
- "log": {
  - "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "username": "string"

```
}`
```

## /clusters

### Get a Cluster.

Get a Cluster with the specified id.

#### path Parameters

||| | --- | --- | | id required | string Id of the cluster |

#### query Parameters

||| | --- | --- | | projection | string Projections on the attributes |

### Responses

#### 200

Successful operation

get/clusters/{id}

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/clusters/{id}](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/clusters/{id})

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/clusters/{id} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
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    • "property1": {
    • "entities": [
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      • "affected_entities": [
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- "array\_object\_index\_scale": 0,
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- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
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- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string",
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}},
- "cluster\_external\_data\_services\_address": {
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- "canonical\_host\_name": "string",
- "fields\_offset": 0,
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- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
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- "property2": null},
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      - "enum": 0,
      - "enum\_constant\_directory": {
      - "property1": null,
      - "property2": null},
      - "enum\_constants": null,
      - "generic\_info": {
      - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "super\_interfaces": [
        - { }},
        - "superclass": { }},
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        - "name": "string",
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        - "serial\_persistent\_fields": [
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- "cluster\_masquerading\_address": {
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    - "original\_host\_name": "string"},
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  - "lookup\_table": {
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  - "annotation": 0,
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    - "property2": { }},
    - "declared\_annotations": {
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      - "property2": { }},
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      - "class\_redefined\_count": 0,
      - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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      - "property2": null},
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        - "superclass": { }},
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          - "use\_caches": true},
          - "unshared": true}],
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- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
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- "ipv6": "string",
- "log": {
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- "port": 0,
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- "subnet": "string",
- "subnet\_sep": "string"},
- "cluster\_masquerading\_ipaddress": "string",
- "cluster\_masquerading\_port": 0,
- "cluster\_redundancy\_state": {
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- "redundancy\_status": {
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  - "property2": true}},
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    - "desired\_resiliency\_preference": "DELAYED"},
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    - "password": "string"},
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  - "domain": "string",
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  - "enable\_password\_remote\_login\_to\_cluster": true,
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  - "enable\_shadow\_clones": true,
  - "encrypted": true,
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          - "value": null},
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- "\$assertions\_disabled": true,
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- "cache\_lock": { },
- "cache\_time": 0,
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- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }],
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- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
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- "offset": 0,
- "signature": "string",
- "type": {
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- "property2": null},
- "declared\_annotations": {
- "property1": null,
- "property2": null},
- "redefined\_count": 0},
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- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
- null],
- "superclass": { }},

- "initiated": true,
- "name": "string",
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- "reflection\_data": {
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  - "timestamp": 0},
  - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "serial\_persistent\_fields": [
    - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
  - "synthetic": 0,
  - "use\_caches": true},
  - "unshared": true}},
  - "unknown\_array": [
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    - "array\_float\_base\_offset": 0,
    - "array\_float\_index\_scale": 0,
    - "array\_int\_base\_offset": 0,
    - "array\_int\_index\_scale": 0,
    - "array\_long\_base\_offset": 0,
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    - "array\_short\_index\_scale": 0,
    - "invalid\_field\_offset": 0,
    - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
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    - "ipv6": "string",
    - "log": {
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    - "port": 0,
    - "raw\_string": "string",
    - "subnet": "string",
    - "subnet\_sep": "string"}},
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    - "fault\_tolerance\_domain\_type": "RACK",
    - "fingerprint\_content\_cache\_percentage": 0,
    - "full\_version": "string",
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            - "value": null},

- "value": {
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  - "address\_cache\_init": true,
  - "cache\_lock": { },
  - "cache\_time": 0,
  - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "canonical\_host\_name": "string",
  - "fields\_offset": 0,
  - "holder": {
  - "address": 0,
  - "family": 0,
  - "host\_name": "string",
  - "original\_host\_name": "string",
  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
  - "property1": null,
  - "property2": null},
  - "max\_cache\_time": 0,
  - "name\_services": [
  - { }],
  - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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    - "offset": 0,
    - "signature": "string",
    - "type": {
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    - "annotation": 0,
    - "annotation\_data": {
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      - "property2": null},
      - "declared\_annotations": {
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      - "property2": null},
      - "redefined\_count": 0},
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      - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "class\_redefined\_count": 0,
      - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "enum": 0,
      - "enum\_constant\_directory": {
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        - "property2": null},
        - "enum\_constants": null,
        - "generic\_info": {
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          - "super\_interfaces": [
          - null],



- "superclass": { }},
- "initted": true,
- "name": "string",
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  - "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
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- "unsafe": {
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  - "array\_byte\_index\_scale": 0,
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  - "array\_char\_index\_scale": 0,
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  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
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  - "ipv6": "string",
  - "log": {
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  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
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  - "gpu\_driver\_version": "string",
  - "has\_self\_encrypting\_drive": true,
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                - "message": "string"}],

- "node\_level": [
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    - "entity\_uuid": "string",
    - "message": "string"}}},
- "property2": {
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    - "entity\_uuid": "string",
    - "message": "string"}}},
  - "node\_level": [
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      - "entity\_uuid": "string",
      - "message": "string"}}},
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    - "property2": 0},
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      - "property2": 0}},
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- "cache\_lock": { },
- "cache\_time": 0,
- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
  - "address": 0,
  - "family": 0,
  - "host\_name": "string",
  - "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
  - "property1": null,
  - "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
  - { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
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    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
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      - "declared\_annotations": { },
      - "redefined\_count": null},
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      - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "class\_redefined\_count": 0,
      - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "enum": 0,
      - "enum\_constant\_directory": {
      - "property1": null,
      - "property2": null},
      - "enum\_constants": null,
      - "generic\_info": {
      - "none": null,
      - "super\_interfaces": [ ],
      - "superclass": null},
      - "initted": true,
      - "name": "string",
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      - "reflection\_data": {
      - "clock": null,
      - "timestamp": null},

- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
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  - "synthetic": 0,
  - "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
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  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
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  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
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  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
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  - "name": "string",
  - "password": "string",
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  - "username": "string"}},
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  - "hypervisor\_security\_compliance\_config": { },
  - "hypervisor\_types": [
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  - "id": "string",
  - "internal\_address": [
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      - "inet\_address": {
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          - "value": null},

- "\$assertions\_disabled": true,
- "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "address\_cache\_init": true,
- "cache\_lock": { },
- "cache\_time": 0,
- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
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- "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "name": "string",
- "offset": 0,
- "signature": "string",
- "type": {
- "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "annotation": 0,
- "annotation\_data": {
- "annotations": {
- "property1": null,
- "property2": null},
- "declared\_annotations": {
- "property1": null,
- "property2": null},
- "redefined\_count": 0},
- "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
- null],
- "superclass": { }},

- "initiated": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
  - "clock": 0,
  - "timestamp": 0},
  - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "serial\_persistent\_fields": [
    - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
  - "synthetic": 0,
  - "use\_caches": true},
  - "unshared": true}},
  - "unknown\_array": [
    - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
  - "unsafe": {
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- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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    - "uuid": "string",
    - "version": "string"

}`

Get the list of alerts generated on a specified Cluster.

path Parameters

| | | | --- | --- | | id required | string Id of a Cluster |

query Parameters

| | | | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of alerts | | resolved | boolean Alerts which have been resolved | | acknowledged | boolean Alerts which have been acknowledged | | severity | string Alert severities | | alert\_type\_uuid | string Alert type ids | | page | integer Page number |

Responses

200

Successful operation

get/clusters/{id}/alerts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/clusters/{id}/alerts

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/clusters/{id}/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "acknowledged": true,
      "acknowledged_by_username": "string",
      "acknowledged_time_stamp_in_usecs": 0,
      "affected_entities": [
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          "entity_type": "string",
          "entity_type_display_name": "string",
          "id": "string",
          "uuid": "string"}],
      "alert_details": {
        "metric_details": [
          {
            "comparison_operator": "string",
```



- "condition\_type": "STATIC\_THRESHOLD",
- "data\_type": "LONG",
- "entity\_id": "string",
- "entity\_type": "string",
- "metric\_category": "string",
- "metric\_display\_name": "string",
- "metric\_name": "string",
- "metric\_value\_details": [
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- "unit": "string"]],
- "severity\_trails": [
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      - "node\_uuid": "string",
      - "operation\_type": "string",
      - "originating\_cluster\_uuid": "string",
      - "possible\_causes": [
        - {
          - "actions": "string",
          - "additional\_links": "string",
          - "alert\_namespace": "string",
          - "cause": "string",
          - "chart\_queries": {
          - "entities": [
            - {
              - "actions": "string",
              - "alerts": "string",
              - "cadmus": "string",

- "entities": "string",
- "help": "string",
- "metadata": {
  - "entity\_type": "PAGE",
  - "filters": [
    - null],
  - "instances": [
    - null],
  - "title": "string"},
- "perspectives": [
  - {
    - "format": null,
    - "metadata": null,
    - "query": null,
    - "result": null,
    - "type": null}}}],
  - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
    - "message": "string"},
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"}],
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,
      - "next\_cursor": "string",
      - "page": 0,
      - "previous\_cursor": "string",

- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

```
}`
```

## Get the list of alerts generated on any Cluster.

### query Parameters

||| | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of alerts | | resolved | boolean Alerts which have been resolved | | acknowledged | boolean Alerts which have been acknowledged | | severity | string Alert severities | | alert\_type\_uuid | string Alert type ids | | page | integer Page number |

### Responses

#### 200

Successful operation

get/clusters/alerts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/clusters/alerts

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/clusters/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
- {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
  - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"]],
    - "alert\_details": {

- "metric\_details": [
  - {
  - "comparison\_operator": "string",
  - "condition\_type": "STATIC\_THRESHOLD",
  - "data\_type": "LONG",
  - "entity\_id": "string",
  - "entity\_type": "string",
  - "metric\_category": "string",
  - "metric\_display\_name": "string",
  - "metric\_name": "string",
  - "metric\_value\_details": [
    - {
    - "metric\_threshold\_value": "string",
    - "metric\_value": "string",
    - "state\_change\_time\_stamp\_in\_usecs": 0}},
    - "unit": "string"]},
- "severity\_trails": [
  - {
  - "severity": "string",
  - "severity\_change\_timestamp\_in\_usecs": 0}},
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
  - "actions": "string",
  - "additional\_links": "string",
  - "alert\_namespace": "string",
  - "cause": "string",
  - "chart\_queries": {
  - "entities": [
    - {

- "actions": "string",
- "alerts": "string",
- "cadmus": "string",
- "entities": "string",
- "help": "string",
- "metadata": {
  - "entity\_type": "PAGE",
  - "filters": [
    - null],
  - "instances": [
    - null],
  - "title": "string"},
- "perspectives": [
  - {
    - "format": null,
    - "metadata": null,
    - "query": null,
    - "result": null,
    - "type": null}}],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "details": "string",
- "has\_global\_details": true,
- "id": "string",
- "num\_resolved\_count": 0,
- "parent\_cause\_id": "string",
- "title": "string",
- "troubleshooting\_steps": "string"}],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,

```
• "next_cursor": "string",
• "page": 0,
• "previous_cursor": "string",
• "search_string": "string",
• "sort_criteria": "string",
• "start_index": 0,
• "total_entities": 0}

}`
```

## Get the list of clusters.

Get the list of clusters.

### query Parameters

||| | --- | --- || count | integer Number of Clusters to retrieve || filter\_criteria | string Filter criteria || sort\_criteria | string Sort criteria || search\_string | string Search string || search\_attribute\_list | Array of strings Search attribute list || page | integer Page number || projection | string Projections on the attributes |

### Responses

#### 200

Successful operation

get/clusters

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/clusters

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/clusters \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
• "entities": [
• {
• "alert_summary": {
• "alert_summaries": {
• "property1": {
• "entities": [
• {
• "acknowledged": true,
• "acknowledged_by_username": "string",
```

- "acknowledged\_time\_stamp\_in\_usecs": 0,
- "affected\_entities": [
  - {
    - "entity\_name": null,
    - "entity\_type": null,
    - "entity\_type\_display\_name": null,
    - "id": null,
    - "uuid": null}},
- "alert\_details": {
  - "metric\_details": [
    - null],
  - "severity\_trails": [
    - null]],
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": null,
    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,
    - "details": null,
    - "has\_global\_details": null,
    - "id": null,
    - "num\_resolved\_count": null,
    - "parent\_cause\_id": null,
    - "title": null,
    - "troubleshooting\_steps": null]],
- "resolved": true,
- "resolved\_by\_username": "string",

- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
        - "entity\_name": null,
        - "entity\_type": null,
        - "entity\_type\_display\_name": null,
        - "id": null,
        - "uuid": null}},
  - "alert\_details": {
    - "metric\_details": [
      - null],
    - "severity\_trails": [
      - null]],
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
  - "check\_id": "string",
  - "classifications": [
    - "string"],
  - "cluster\_uuid": "string",
  - "context\_types": [
    - "string"],
  - "context\_values": [
    - "string"],
  - "created\_time\_stamp\_in\_usecs": 0,
  - "detailed\_message": "string",
  - "entity\_ids": [
    - "string"],
  - "entity\_types": [
    - "string"],
  - "entity\_uuids": [



- "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": null,
    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,
    - "details": null,
    - "has\_global\_details": null,
    - "id": null,
    - "num\_resolved\_count": null,
    - "parent\_cause\_id": null,
    - "title": null,
    - "troubleshooting\_steps": null}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
  - "count": 0},
  - "all\_hyperv\_nodes\_in\_failover\_cluster": true,
  - "block\_serials": [
    - "string"],
  - "cloudcluster": true,
  - "cluster\_arch": "string",
  - "cluster\_data\_state": {
    - "cluster\_available": true,
    - "cluster\_data\_available": true,
    - "cluster\_register\_time\_usecs": 0,
    - "cluster\_uuid": "string",
    - "first\_unavailable\_time\_usecs": 0,

- "last\_alerts\_data\_transferred\_usecs": 0,
- "last\_arithmos\_data\_transferred\_usecs": 0},
- "cluster\_external\_address": [
- {
  - "hostname": "string",
  - "inet\_address": {
  - "empty": {
    - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "value": null},
  - "value": {
    - "\$assertions\_disabled": true,
    - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "address\_cache\_init": true,
    - "cache\_lock": { },
    - "cache\_time": 0,
    - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "canonical\_host\_name": "string",
    - "fields\_offset": 0,
    - "holder": {
    - "address": 0,
    - "family": 0,
    - "host\_name": "string",
    - "original\_host\_name": "string"},
    - "impl": { },
    - "ipv4": 0,
    - "ipv6": 0,
    - "lookup\_table": {
    - "property1": null,
    - "property2": null},
    - "max\_cache\_time": 0,
    - "name\_services": [
    - { }],
    - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "prefer\_ipv6\_address": true,
    - "serial\_persistent\_fields": [
    - {
      - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "name": "string",
      - "offset": 0,
      - "signature": "string",
      - "type": {
      - "all\_perm\_domain": null,
      - "annotation": null,
      - "annotation\_data": null,
      - "annotation\_type": null,
      - "cached\_constructor": null,
      - "class\_redefined\_count": null,
      - "class\_value\_map": null,
      - "enum": null,
      - "enum\_constant\_directory": { },
      - "enum\_constants": null,
      - "generic\_info": null,
      - "initted": null,
      - "name": null,
      - "new\_instance\_caller\_cache": null,
      - "reflection\_data": null,

- "reflection\_factory": null,
- "serial\_persistent\_fields": [ ],
- "synthetic": null,
- "use\_caches": null},
- "unshared": true}},
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}],
- "cluster\_external\_data\_services\_address": {
- "hostname": "string",
- "inet\_address": {
- "empty": {
- "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "value": null},
- "value": {
- "\$assertions\_disabled": true,
- "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "address\_cache\_init": true,
- "cache\_lock": { },
- "cache\_time": 0,
- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"}},

- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
  - "property1": null,
  - "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
  - { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
  - {
    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
      - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "annotation": 0,
      - "annotation\_data": {
      - "annotations": { },
      - "declared\_annotations": { },
      - "redefined\_count": null},
      - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "class\_redefined\_count": 0,
      - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "enum": 0,
      - "enum\_constant\_directory": {
        - "property1": null,
        - "property2": null},
        - "enum\_constants": null,
        - "generic\_info": {
          - "none": null,
          - "super\_interfaces": [ ],
          - "superclass": null},
          - "initted": true,
          - "name": "string",
          - "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "reflection\_data": {
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            - "timestamp": null},
            - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
            - "serial\_persistent\_fields": [
              - null],
              - "synthetic": 0,
              - "use\_caches": true},
  - "unshared": true}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,

- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
  - "root\_logger\_name": "string",
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string",
- "cluster\_external\_data\_services\_ipaddress": "string",
- "cluster\_external\_ipaddress": "string",
- "cluster\_fully\_qualified\_domain\_name": "string",
- "cluster\_functions": [
- "NDFS"],
- "cluster\_gpus": [
- "string"],
- "cluster\_incarnation\_id": 0,
- "cluster\_masquerading\_address": {
- "hostname": "string",
- "inet\_address": {
  - "empty": {
    - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "value": null},
    - "value": {
      - "\$assertions\_disabled": true,
      - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "address\_cache\_init": true,
      - "cache\_lock": { },
      - "cache\_time": 0,
      - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "canonical\_host\_name": "string",
      - "fields\_offset": 0,
      - "holder": {
        - "address": 0,
        - "family": 0,
        - "host\_name": "string",
        - "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,

- "ipv6": 0,
- "lookup\_table": {
  - "property1": null,
  - "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
  - {}],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
  - {
    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
      - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "annotation": 0,
      - "annotation\_data": {
        - "annotations": { },
        - "declared\_annotations": { },
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- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }},

- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
- {
  - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "name": "string",
  - "offset": 0,
  - "signature": "string",
  - "type": {
  - "all\_perm\_domain": null,
  - "annotation": null,
  - "annotation\_data": null,
  - "annotation\_type": null,
  - "cached\_constructor": null,
  - "class\_redefined\_count": null,
  - "class\_value\_map": null,
  - "enum": null,
  - "enum\_constant\_directory": { },
  - "enum\_constants": null,
  - "generic\_info": null,
  - "initted": null,
  - "name": null,
  - "new\_instance\_caller\_cache": null,
  - "reflection\_data": null,
  - "reflection\_factory": null,
  - "serial\_persistent\_fields": [ ],
  - "synthetic": null,
  - "use\_caches": null},
  - "unshared": true}},
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},

- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"]],
- "num\_nodes": 0,
- "operation\_mode": "NORMAL",
- "public\_keys": [
- {
- "key": "string",
- "name": "string"]],
- "rackable\_units": [
- {
- "id": 0,
- "location": "string",
- "model": "string",
- "model\_name": "string",
- "node\_uuids": [
- "string"],
- "nodes": [
- 0],
- "positions": [
- "string"],
- "rackable\_unit\_uuid": "string",
- "serial": "string"]],
- "recycle\_bin\_dto": {
- "delete\_intent\_set": true,
- "recycle\_bin\_disabled\_reason": "SPACE\_THRESHOLD\_EXCEEDED",
- "recycle\_bin\_disabled\_timestamp\_secs": 0,
- "recycle\_bin\_ttlsecs": 604800},
- "security\_compliance\_config": {
- "enable\_snmpv3\_only": true},
- "segmented\_iscsi\_data\_services\_address": [
- {
- "hostname": "string",
- "inet\_address": {
- "empty": {
- "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "value": null},
- "value": {
- "\$assertions\_disabled": true,
- "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "address\_cache\_init": true,
- "cache\_lock": { },
- "cache\_time": 0,
- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
- "property1": null,

- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
- {
- "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "name": "string",
- "offset": 0,
- "signature": "string",
- "type": {
- "all\_perm\_domain": null,
- "annotation": null,
- "annotation\_data": null,
- "annotation\_type": null,
- "cached\_constructor": null,
- "class\_redefined\_count": null,
- "class\_value\_map": null,
- "enum": null,
- "enum\_constant\_directory": { }},
- "enum\_constants": null,
- "generic\_info": null,
- "initted": null,
- "name": null,
- "new\_instance\_caller\_cache": null,
- "reflection\_data": null,
- "reflection\_factory": null,
- "serial\_persistent\_fields": [ ],
- "synthetic": null,
- "use\_caches": null},
- "unshared": true}},
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},

- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string",
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}},
- "segmented\_iscsi\_data\_services\_ipaddress": "string",
- "service\_centers": [
- {
- "ip\_address": "string",
- "name": "string",
- "port": 65536,
- "username": "string"}},
- "smtp\_server": {
- "address": "string",
- "email\_status": {
- "last\_changed\_time\_stamp\_usecs": 0,
- "last\_checked\_time\_stamp\_usecs": 0,
- "last\_successful\_transmission\_time\_stamp\_usecs": 0,
- "message": {
- "attributes": {
- "property1": "string",
- "property2": "string"},
- "message": "string"},
- "status": "SUCCESS"},
- "from\_email\_address": "string",
- "password": "string",
- "port": 0,
- "secure\_mode": "STARTTLS",
- "server\_address": {
- "hostname": "string",
- "inet\_address": {
- "empty": {
- "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "value": null},
- "value": {
- "\$assertions\_disabled": true,
- "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "address\_cache\_init": true,
- "cache\_lock": { },
- "cache\_time": 0,
- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
- "property1": null,
- "property2": null},

- "max\_cache\_time": 0,
- "name\_services": [
- { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
- {
  - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "name": "string",
  - "offset": 0,
  - "signature": "string",
  - "type": {
  - "all\_perm\_domain": null,
  - "annotation": null,
  - "annotation\_data": null,
  - "annotation\_type": null,
  - "cached\_constructor": null,
  - "class\_redefined\_count": null,
  - "class\_value\_map": null,
  - "enum": null,
  - "enum\_constant\_directory": { },
  - "enum\_constants": null,
  - "generic\_info": null,
  - "initted": null,
  - "name": null,
  - "new\_instance\_caller\_cache": null,
  - "reflection\_data": null,
  - "reflection\_factory": null,
  - "serial\_persistent\_fields": [ ],
  - "synthetic": null,
  - "use\_caches": null},
  - "unshared": true}},
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",

```

    • "ipv6": "string",
    • "log": {
    • "root_logger_name": "string"},
    • "port": 0,
    • "raw_string": "string",
    • "subnet": "string",
    • "subnet_sep": "string"},
    • "username": "string"},
    • "ssd_pinning_percentage_limit": 0,
    • "stats": {
    • "property1": "string",
    • "property2": "string"},
    • "storage_type": "ALL_FLASH",
    • "support_verbosity_type": "NOTHING",
    • "target_version": "string",
    • "threshold_for_storage_thin_provision": 0.1,
    • "timezone": "string",
    • "usage_stats": {
    • "property1": "string",
    • "property2": "string"},
    • "uuid": "string",
    • "version": "string"}},
    • "error_info": {
    • "count": 0,
    • "entity_list": [
    • "string"],
    • "message": "string"},
    • "metadata": {
    • "count": 0,
    • "end_index": 0,
    • "filter_criteria": "string",
    • "grand_total_entities": 0,
    • "next_cursor": "string",
    • "page": 0,
    • "previous_cursor": "string",
    • "search_string": "string",
    • "sort_criteria": "string",
    • "start_index": 0,
    • "total_entities": 0}
  }`

```

**Get the list of events generated on a specified Cluster.**

#### path Parameters

||| | --- | --- | | id required | string Id of a Cluster |

#### query Parameters

||| | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of events | | acknowledged | boolean Events which have been acknowledged | | page | integer Page number |

#### Responses

**200**

Successful operation

get/clusters/{id}/events

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/clusters/{id}/events](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/clusters/{id}/events)

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/clusters/{id}/events \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
  - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
        - "entity\_name": "string",
        - "entity\_type": "string",
        - "entity\_type\_display\_name": "string",
        - "id": "string",
        - "uuid": "string"]},
      - "alert\_details": {
      - "metric\_details": [
        - {
          - "comparison\_operator": "string",
          - "condition\_type": "STATIC\_THRESHOLD",
          - "data\_type": "LONG",
          - "entity\_id": "string",
          - "entity\_type": "string",
          - "metric\_category": "string",
          - "metric\_display\_name": "string",
          - "metric\_name": "string",
          - "metric\_value\_details": [
            - {
              - "metric\_threshold\_value": "string",
              - "metric\_value": "string",
              - "state\_change\_time\_stamp\_in\_usecs": 0}},
            - "unit": "string"]},
          - "severity\_trails": [
            - {
              - "severity": "string",
              - "severity\_change\_timestamp\_in\_usecs": 0}},
            - "alert\_title": "string",



- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
- "string"],
- "check\_id": "string",
- "classifications": [
- "string"],
- "cluster\_uuid": "string",
- "context\_types": [
- "string"],
- "context\_values": [
- "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
- "string"],
- "entity\_types": [
- "string"],
- "entity\_uuids": [
- "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
- "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
- {
- "actions": "string",
- "additional\_links": "string",
- "alert\_namespace": "string",
- "cause": "string",
- "chart\_queries": {
- "entities": [
- {
- "actions": "string",
- "alerts": "string",
- "cadmus": "string",
- "entities": "string",
- "help": "string",
- "metadata": {
- "entity\_type": "PAGE",
- "filters": [
- null],
- "instances": [
- null],
- "title": "string"},
- "perspectives": [
- {
- "format": null,
- "metadata": null,
- "query": null,
- "result": null,
- "type": null}}}],
- "error\_info": {
- "count": 0,

```

    • "entity_list": [
    • "string"],
    • "message": "string"},
  • "metadata": {
    • "count": 0,
    • "end_index": 0,
    • "filter_criteria": "string",
    • "grand_total_entities": 0,
    • "next_cursor": "string",
    • "page": 0,
    • "previous_cursor": "string",
    • "search_string": "string",
    • "sort_criteria": "string",
    • "start_index": 0,
    • "total_entities": 0}},
  • "details": "string",
  • "has_global_details": true,
  • "id": "string",
  • "num_resolved_count": 0,
  • "parent_cause_id": "string",
  • "title": "string",
  • "troubleshooting_steps": "string"}],
  • "resolved": true,
  • "resolved_by_username": "string",
  • "resolved_time_stamp_in_usecs": 0,
  • "service_vmid": "string",
  • "severity": "string",
  • "user_defined": true}},
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}
`

```

## Get the list of events generated on any Cluster.

### query Parameters

||| | --- | --- || start\_time\_in\_usecs | integer Start time in microseconds || end\_time\_in\_usecs | integer End time in microseconds || count | integer Maximum number of events || acknowledged | boolean Events which have been acknowledged || page | integer Page number |

### Responses

200

Successful operation

get/clusters/events

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/clusters/events

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/clusters/events \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "acknowledged": true,
      "acknowledged_by_username": "string",
      "acknowledged_time_stamp_in_usecs": 0,
      "affected_entities": [
        {
          "entity_name": "string",
          "entity_type": "string",
          "entity_type_display_name": "string",
          "id": "string",
          "uuid": "string"}],
      "alert_details": {
      "metric_details": [
        {
          "comparison_operator": "string",
          "condition_type": "STATIC_THRESHOLD",
          "data_type": "LONG",
          "entity_id": "string",
          "entity_type": "string",
          "metric_category": "string",
          "metric_display_name": "string",
          "metric_name": "string",
          "metric_value_details": [
            {
              "metric_threshold_value": "string",
              "metric_value": "string",
              "state_change_time_stamp_in_usecs": 0}],
          "unit": "string"}],
      "severity_trails": [
        {
          "severity": "string",
```

- "severity\_change\_timestamp\_in\_usecs": 0}}},
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
- "string"],
- "check\_id": "string",
- "classifications": [
- "string"],
- "cluster\_uuid": "string",
- "context\_types": [
- "string"],
- "context\_values": [
- "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
- "string"],
- "entity\_types": [
- "string"],
- "entity\_uuids": [
- "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
- "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
- {
- "actions": "string",
- "additional\_links": "string",
- "alert\_namespace": "string",
- "cause": "string",
- "chart\_queries": {
- "entities": [
- {
- "actions": "string",
- "alerts": "string",
- "cadmus": "string",
- "entities": "string",
- "help": "string",
- "metadata": {
- "entity\_type": "PAGE",
- "filters": [
- null],
- "instances": [
- null],
- "title": "string"},
- "perspectives": [
- {
- "format": null,
- "metadata": null,
- "query": null,
- "result": null,
- "type": null}}}],

```

    • "error_info": {
      • "count": 0,
      • "entity_list": [
        • "string"],
      • "message": "string"},
    • "metadata": {
      • "count": 0,
      • "end_index": 0,
      • "filter_criteria": "string",
      • "grand_total_entities": 0,
      • "next_cursor": "string",
      • "page": 0,
      • "previous_cursor": "string",
      • "search_string": "string",
      • "sort_criteria": "string",
      • "start_index": 0,
      • "total_entities": 0}},
    • "details": "string",
    • "has_global_details": true,
    • "id": "string",
    • "num_resolved_count": 0,
    • "parent_cause_id": "string",
    • "title": "string",
    • "troubleshooting_steps": "string"}},
  • "resolved": true,
  • "resolved_by_username": "string",
  • "resolved_time_stamp_in_usecs": 0,
  • "service_vmid": "string",
  • "severity": "string",
  • "user_defined": true}},
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}

```

## Get the stats for a specified Cluster.

If start time and end time are included in the query string, then historical stats are retrieved. Otherwise, the latest stats are retrieved.

### path Parameters

| | | | --- | --- | | id required | string Id of a Cluster |

### query Parameters

||| | --- | --- || metrics required | Array of strings List of metrics | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | interval\_in\_secs | integer Sampling interval of stats |

Responses

200

Successful operation

get/clusters/{id}/stats

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/clusters/{id}/stats

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/clusters/{id}/stats \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "stats_specific_responses": [
    {
      "interval_in_secs": 0,
      "message": "string",
      "metric": "string",
      "start_time_in_usecs": 0,
      "successful": true,
      "values": [
        0
      ]
    }
  ]
}
```

/data\_at\_rest\_encryption

Download encryption key.

Download encryption key encrypted with the password.

Request Body schema: application/json required

password used to encrypt the key.

||| | --- | --- || password | string |

Responses

200

Successful operation

500

Any internal exception while performing this operation

post/data\_at\_rest\_encryption/download\_encryption\_key

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption/download\_encryption\_key

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption/download_encryption_key \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "password": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
• "backup_data": [
• "string"]
}`
```

Enable encryption.

Enable encryption on the cluster.

Request Body schema: application/json required

Desired cluster protection status

```
||| --- | --- || software_encryption_scope | string Enum: "CLUSTER" "STORAGE_CONTAINER" || value | boolean |
```

Responses

200

Successful operation

post/data\_at\_rest\_encryption/enable

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption/enable

Request samples

- cURL
- Wget
- Python

- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption/enable \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{
"software_encryption_scope": "CLUSTER", "value": true }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

### Get encryption status.

Get encryption status of the cluster.

### Responses

200

Successful operation

get/data\_at\_rest\_encryption

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption \ --header 'Accept: application/json' \ --header
'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "desired_password_protection": true,
```



```
• "disk_encryption_status": {
• "property1": true,
• "property2": true},
• "is_cluster_empty": true,
• "is_ready_for_password_protection": true,
• "is_ready_for_software_encryption": true,
• "pckey_manager_status": "UNREGISTERED",
• "software_encryption_scope": "CLUSTER",
• "storage_container_encryption_status": {
• "property1": true,
• "property2": true}

}`
```

## Get recent certificate test results.

Get recent certificate test results.

### query Parameters

| | | | --- | --- | | host\_uuids | Array of strings List of Host uuids | | kms\_server\_names | Array of strings List of Key Management Server names |

### Responses

#### 200

Successful operation

get/data\_at\_rest\_encryption/recent\_certificate\_test\_results

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption/recent\_certificate\_test\_results

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption/recent_certificate_test_results \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
```

- {
- "key\_management\_server\_name": "string",
- "key\_management\_server\_uuid": "string",
- "node\_id": "string",
- "node\_uuid": "string",
- "result\_list": [

- {
- "ip\_address": "string",
- "message": "string",
- "port": 0,
- "test\_status": "string"}}}

]

## post/data\_at\_rest\_encryption/software/rekey/refreshSoftwareKeys

**Request Body schema: application/json required**

Software Rekey request

||| |---|---| | change\_wrapping\_key | boolean |

### Responses

#### 200

Successful operation

post/data\_at\_rest\_encryption/software/rekey

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption/software/rekey

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption/software/rekey \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \ --data '{ "change_wrapping_key": true }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

## Sets new passwords for encryption capable disks.

Sets new passwords for encryption capable disks

**Request Body schema: application/json required**

List of disk uuids on which rekey needs to be performed

Array

string

### Responses

200

Successful operation

post/data\_at\_rest\_encryption/rekey

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption/rekey

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption/rekey \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

#### Response samples

- 200

Content type

application/json

Copy

```
{
```

- "value": true

```
}
```

#### Test encryption configuration.

Test encryption configuration of the cluster.

#### Request Body schema: application/json required

List of host ids and key management server names on which test to be performed

| | | | --- | --- | | node\_id\_list | Array of strings | | node\_uuid\_list | Array of strings | | server\_list | Array of strings |

#### Responses

200

Successful operation

post/data\_at\_rest\_encryption/test

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption/test

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption/test \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "node_id_list": [ "string"
], "node_uuid_list": [ "string" ], "server_list": [ "string" ] }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
• "detailed_test_response": {
• "property1": {
• "key_management_server_test_response_map": {
• "property1": {
• "ip_address_to_test_result_map": {
• "property1": true,
• "property2": true},
• "key_management_server_name": "string"},
• "property2": {
• "ip_address_to_test_result_map": {
• "property1": true,
• "property2": true},
• "key_management_server_name": "string"}},
• "node_id": "string",
• "node_uuid": "string"},
• "property2": {
• "key_management_server_test_response_map": {
• "property1": {
• "ip_address_to_test_result_map": {
• "property1": true,
• "property2": true},
• "key_management_server_name": "string"},
• "property2": {
• "ip_address_to_test_result_map": {
• "property1": true,
• "property2": true},
• "key_management_server_name": "string"}},
• "node_id": "string",
• "node_uuid": "string"}},
• "has_failures": true
}
```

/data\_at\_rest\_encryption\_certificates

Add certificates.

Add certificates to the cluster.

query Parameters

||| | --- | --- || key\_management\_server\_name required | string Key Management Server name |

Request Body schema: multipart/form-data required

||| | --- | --- || certificate\_file required | string Certificate file |

## Responses

### 200

Successful operation

post/data\_at\_rest\_encryption\_certificates/svm\_certificates

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption\_certificates/svm\_certificates

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption_certificates/svm_certificates \
--header 'Accept: application/json' \ --header 'Content-Type: multipart/form-data' \ --data '{ "certificate_file": null
}'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "value": "string"
}
```

## Add certificates.

Add certificates to the cluster via multi-file upload.

**Request Body schema: application/json required**

Certificate list

|  |     |     |  |                 |  |        |  |  |                            |  |        |  |
|--|-----|-----|--|-----------------|--|--------|--|--|----------------------------|--|--------|--|
|  | --- | --- |  | certificate_map |  | object |  |  | key_management_server_name |  | string |  |
|--|-----|-----|--|-----------------|--|--------|--|--|----------------------------|--|--------|--|

## Responses

### 200

Successful operation

post/data\_at\_rest\_encryption\_certificates/svm\_certificates/multi\_file

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption\_certificates/svm\_certificates/multi\_file

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption_certificates/svm_certificates/multi_file
\ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "certificate_map": {
"property1": "string", "property2": "string" }, "key_management_server_name": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "value": "string"
}
```

## Add trusted CA certificate.

Add trusted CA certificate to the cluster.

### query Parameters

||| --- | --- || name required | string name |

### Request Body schema: multipart/form-data required

||| --- | --- || certificate\_file required | string Certificate file |

## Responses

### 200

Successful operation

post/data\_at\_rest\_encryption\_certificates/ca\_certificates

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption\_certificates/ca\_certificates

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption_certificates/ca_certificates \ --header
'Accept: application/json' \ --header 'Content-Type: multipart/form-data' \ --data '{ "certificate_file": null }'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
```

- "certificate": "string",
- "name": "string"

```
}`
```

## Delete Certificate Authority.

Delete a CA certificate from cluster.

### path Parameters

||| | --- | --- || name required | string Certificate Authority name |

### Responses

#### 200

Successful operation

delete/data\_at\_rest\_encryption\_certificates/ca\_certificates/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption\_certificates/ca\_certificates/{name}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption_certificates/ca_certificates/{name} \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
}`
```

## Delete certificate.

Delete a svm certificate from cluster.

### query Parameters

||| | --- | --- || node\_uuid required | string Id of the node on which certificate is installed | | server\_name required | string Key management Server name for which certificate is installed |

### Responses

#### 200

Successful operation

delete/data\_at\_rest\_encryption\_certificates/svm\_certificate

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption\_certificates/svm\_certificate

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption_certificates/svm_certificate \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": true
}`
```

### Download CSR files

Download CSR files from cluster

#### query Parameters

||| | --- | --- || node\_ip required | string node ip address |

### Responses

#### 200

Successful operation

get/data\_at\_rest\_encryption\_certificates/csr\_for\_discovered\_node

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption\_certificates/csr\_for\_discovered\_node

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption_certificates/csr_for_discovered_node \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples



- 200

Content type

application/json

Copy

```
"string"
```

## Download CSR files

Download CSR files from cluster

### query Parameters

||| | --- | --- || node\_uuid\_list | Array of strings List of node ids |

### Responses

#### 200

Successful operation

get/data\_at\_rest\_encryption\_certificates/csrs

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption\_certificates/csrs

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption_certificates/csrs \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
{ }
```

## Get all CA certificates.

Get all CA Certificates from cluster.

### Responses

#### 200

Successful operation

get/data\_at\_rest\_encryption\_certificates/ca\_certificates

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption\_certificates/ca\_certificates

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption_certificates/ca_certificates \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
  {
    "certificate": "string",
    "name": "string"}
]
```

**Get Certification information.**

Get Certification Signing information.

**Responses**

**200**

Successful operation

get/data\_at\_rest\_encryption\_certificates/certification\_information

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption\_certificates/certification\_information

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption_certificates/certification_information \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "city": "string",
  • "country_code": "string",
  • "domain_name": "string",
  • "email_address": "string",
  • "organization_name": "string",
  • "organizational_unit_list": [
    • "string"],
  • "state": "string"
}
```

Replace expired svm certificate.

Replace svm certificate on the cluster.

query Parameters

||| | --- | --- || key\_management\_server\_name required | string Key Management Server name || node\_uuid required | string ServiceVmId of the node |

Request Body schema: multipart/form-data required

||| | --- | --- || certificate\_file required | string Certificate file |

Responses

200

Successful operation

post/data\_at\_rest\_encryption\_certificates/svm\_certificates/replace

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption\_certificates/svm\_certificates/replace

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption_certificates/svm_certificates/replace \
--header 'Accept: application/json' \ --header 'Content-Type: multipart/form-data' \ --data '{ "certificate_file": null
}'
```

Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": "string"
```

```
}
```

## Update the Certification information.

Update the Certification information.

### Request Body schema: application/json

CertificationInformation instance

||| |---|---| | city | string | | country\_code | string | | domain\_name | string | | email\_address | string | | organization\_name | string | | organizational\_unit\_list | Array of strings | | state | string |

### Responses

#### 200

Successful operation

put/data\_at\_rest\_encryption\_certificates/certification\_information

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/data\_at\_rest\_encryption\_certificates/certification\_information

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/data_at_rest_encryption_certificates/certification_information \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "city": "string", "country_code": "string", "domain_name": "string", "email_address": "string", "organization_name": "string", "organizational_unit_list": [ "string" ], "state": "string" }'
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
```

- "city": "string",
- "country\_code": "string",
- "domain\_name": "string",
- "email\_address": "string",
- "organization\_name": "string",
- "organizational\_unit\_list": [
- "string",
- "state": "string"

```
}
```

## /disks

### Get a Disk.

Get a Disk with the specified id.

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of the Disk |

### query Parameters

| | | | --- | --- | | projection | string Projections on the attributes |

## Responses

### 200

Successful operation

get/disks/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/disks/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/disks/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "alert\_summary": {
- "alert\_summaries": {
  - "property1": {
  - "entities": [
    - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
      - "entity\_name": "string",
      - "entity\_type": "string",
      - "entity\_type\_display\_name": "string",
      - "id": "string",
      - "uuid": "string"}},
      - "alert\_details": {
      - "metric\_details": [
        - {

- "comparison\_operator": "string",
- "condition\_type": "STATIC\_THRESHOLD",
- "data\_type": "LONG",
- "entity\_id": "string",
- "entity\_type": "string",
- "metric\_category": "string",
- "metric\_display\_name": "string",
- "metric\_name": "string",
- "metric\_value\_details": [
  - null,
  - "unit": "string"}],
- "severity\_trails": [
  - {
    - "severity": "string",
    - "severity\_change\_timestamp\_in\_usecs": 0}}],
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
  - "check\_id": "string",
  - "classifications": [
    - "string"],
  - "cluster\_uuid": "string",
  - "context\_types": [
    - "string"],
  - "context\_values": [
    - "string"],
  - "created\_time\_stamp\_in\_usecs": 0,
  - "detailed\_message": "string",
  - "entity\_ids": [
    - "string"],
  - "entity\_types": [
    - "string"],
  - "entity\_uuids": [
    - "string"],
  - "id": "string",
  - "impact": "string",
  - "impact\_types": [
    - "string"],
  - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
  - "message": "string",
  - "node\_uuid": "string",
  - "operation\_type": "string",
  - "originating\_cluster\_uuid": "string",
  - "possible\_causes": [
    - {
      - "actions": "string",
      - "additional\_links": "string",
      - "alert\_namespace": "string",
      - "cause": "string",
      - "chart\_queries": {
        - "entities": [
          - null],
        - "error\_info": {
          - "count": null,
          - "entity\_list": [ ],
          - "message": null},
          - "metadata": {

- "count": null,
- "end\_index": null,
- "filter\_criteria": null,
- "grand\_total\_entities": null,
- "next\_cursor": null,
- "page": null,
- "previous\_cursor": null,
- "search\_string": null,
- "sort\_criteria": null,
- "start\_index": null,
- "total\_entities": null}},
- "details": "string",
- "has\_global\_details": true,
- "id": "string",
- "num\_resolved\_count": 0,
- "parent\_cause\_id": "string",
- "title": "string",
- "troubleshooting\_steps": "string"}],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
        - "entity\_name": "string",
        - "entity\_type": "string",
        - "entity\_type\_display\_name": "string",
        - "id": "string",
        - "uuid": "string"}},
  - "alert\_details": {
    - "metric\_details": [
      - {
        - "comparison\_operator": "string",
        - "condition\_type": "STATIC\_THRESHOLD",

- "data\_type": "LONG",
- "entity\_id": "string",
- "entity\_type": "string",
- "metric\_category": "string",
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- "user\_defined": true]],
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- "original\_host\_name": "string"},
- "impl": { },
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- "lookup\_table": {

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- "array\_short\_index\_scale": 0,
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- "ipv6": "string",
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- "raw\_string": "string",
- "subnet": "string",
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- "hypervisor\_state": "string",
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- "hypervisor\_username": "string",
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    - "value": {
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    - "cache\_lock": { },
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- "array\_short\_index\_scale": 0,
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- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}},
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- "port": 0,
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- "ipmi\_username": "string",
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- "is\_secure\_booted": true,
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- "oplog\_disk\_size": 0,
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  - "original\_host\_name": "string"},
- "impl": { },
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- "unshared": true}},
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  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
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  - "subnet": "string",
  - "subnet\_sep": "string"}},
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- "impl": { },
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  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
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  - "subnet": "string",
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      - "node\_level": [
        - {

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- "entity\_uuid": "string",
- "message": "string"]}],
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- "detailed\_check\_summary": {
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- "storage\_pool\_uuid": "string",
- "storage\_tier\_name": "string",
- "usage\_stats": {
- "property1": "string",
- "property2": "string"}

}`

## Get the list of alerts generated on a specified Disk.

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of a Disk |

### query Parameters

| | | | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of alerts | | resolved | boolean Alerts which have been resolved | | acknowledged | boolean Alerts which have been acknowledged | | severity | string Alert severities | | alert\_type\_uuid | string Alert type ids | | page | integer Page number |

### Responses

#### 200

Successful operation

get/disks/{uuid}/alerts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/disks/{uuid}/alerts

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/disks/{uuid}/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

'''

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
- {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [

- {
  - "entity\_name": "string",
  - "entity\_type": "string",
  - "entity\_type\_display\_name": "string",
  - "id": "string",
  - "uuid": "string"}},
  - "alert\_details": {
  - "metric\_details": [
    - {
      - "comparison\_operator": "string",
      - "condition\_type": "STATIC\_THRESHOLD",
      - "data\_type": "LONG",
      - "entity\_id": "string",
      - "entity\_type": "string",
      - "metric\_category": "string",
      - "metric\_display\_name": "string",
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          - "unit": "string"}],
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      - {
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- "cause": "string",
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    - "query": null,
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    - "page": 0,
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    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}},
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    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"}],
    - "resolved": true,
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    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},
    - "error\_info": {
    - "count": 0,
    - "entity\_list": [

```

    • "string"],
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  • "end_index": 0,
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  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}
`

```

## Get the list of alerts generated on any Disk.

### query Parameters

||| | --- | --- || start\_time\_in\_usecs | integer Start time in microseconds || end\_time\_in\_usecs | integer End time in microseconds || count | integer Maximum number of alerts || resolved | boolean Alerts which have been resolved || acknowledged | boolean Alerts which have been acknowledged || severity | string Alert severities || alert\_type\_uuid | string Alert type ids || page | integer Page number |

### Responses

#### 200

Successful operation

get/disks/alerts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/disks/alerts

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/disks/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

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```

`{
  • "entities": [
  • {
    • "acknowledged": true,

```



- [illegible]

- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
- {
  - "actions": "string",
  - "additional\_links": "string",
  - "alert\_namespace": "string",
  - "cause": "string",
  - "chart\_queries": {
  - "entities": [
    - {
      - "actions": "string",
      - "alerts": "string",
      - "cadmus": "string",
      - "entities": "string",
      - "help": "string",
      - "metadata": {
        - "entity\_type": "PAGE",
        - "filters": [
          - null],
          - "instances": [
            - null],
            - "title": "string"},
        - "perspectives": [
          - {
            - "format": null,
            - "metadata": null,
            - "query": null,
            - "result": null,
            - "type": null}}],
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
        - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,
      - "next\_cursor": "string",
      - "page": 0,
      - "previous\_cursor": "string",
      - "search\_string": "string",
      - "sort\_criteria": "string",
      - "start\_index": 0,
      - "total\_entities": 0}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"}],
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},

```

    • "error_info": {
    • "count": 0,
    • "entity_list": [
      • "string"],
    • "message": "string"},
    • "metadata": {
    • "count": 0,
    • "end_index": 0,
    • "filter_criteria": "string",
    • "grand_total_entities": 0,
    • "next_cursor": "string",
    • "page": 0,
    • "previous_cursor": "string",
    • "search_string": "string",
    • "sort_criteria": "string",
    • "start_index": 0,
    • "total_entities": 0}

  }`

```

Get the list of Disks.

Get the list of Disks configured in the cluster.

query Parameters

||| |---| ---| | count | integer Number of Disks to retrieve | | filter\_criteria | string Filter criteria | | sort\_criteria | string Sort criteria | | search\_string | string Search string | | search\_attribute\_list | Array of strings Search attribute list | | page | integer Page number | | projection | string Projections on the attributes |

Responses

200

Successful operation

get/disks

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/disks

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/disks \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
`
`

```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "entities": [
- {
  - "alert\_summary": {
  - "alert\_summaries": {
    - "property1": {
    - "entities": [
      - {
        - "acknowledged": true,
        - "acknowledged\_by\_username": "string",
        - "acknowledged\_time\_stamp\_in\_usecs": 0,
        - "affected\_entities": [
          - {
            - "entity\_name": null,
            - "entity\_type": null,
            - "entity\_type\_display\_name": null,
            - "id": null,
            - "uuid": null}},
          - "alert\_details": {
            - "metric\_details": [
              - null],
            - "severity\_trails": [
              - null]],
          - "alert\_title": "string",
          - "alert\_type\_uuid": "string",
          - "auto\_resolved": true,
          - "categories": [
            - "string"],
          - "check\_id": "string",
          - "classifications": [
            - "string"],
          - "cluster\_uuid": "string",
          - "context\_types": [
            - "string"],
          - "context\_values": [
            - "string"],
          - "created\_time\_stamp\_in\_usecs": 0,
          - "detailed\_message": "string",
          - "entity\_ids": [
            - "string"],
          - "entity\_types": [
            - "string"],
          - "entity\_uuids": [
            - "string"],
          - "id": "string",
          - "impact": "string",
          - "impact\_types": [
            - "string"],
          - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
          - "message": "string",
          - "node\_uuid": "string",
          - "operation\_type": "string",
          - "originating\_cluster\_uuid": "string",
          - "possible\_causes": [
            - {
              - "actions": null,
              - "additional\_links": null,
              - "alert\_namespace": null,
              - "cause": null,
              - "chart\_queries": null,

- "details": null,
- "has\_global\_details": null,
- "id": null,
- "num\_resolved\_count": null,
- "parent\_cause\_id": null,
- "title": null,
- "troubleshooting\_steps": null}},
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- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
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  - "entity\_list": [
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  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
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        - "entity\_type": null,
        - "entity\_type\_display\_name": null,
        - "id": null,
        - "uuid": null}},
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        - "metric\_details": [
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        - "severity\_trails": [
          - null}},
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        - "alert\_type\_uuid": "string",
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        - "categories": [
          - "string"],
        - "check\_id": "string",
        - "classifications": [
          - "string"],
        - "cluster\_uuid": "string",
        - "context\_types": [
          - "string"],

- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
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  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
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    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,
    - "details": null,
    - "has\_global\_details": null,
    - "id": null,
    - "num\_resolved\_count": null,
    - "parent\_cause\_id": null,
    - "title": null,
    - "troubleshooting\_steps": null}},
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- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
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  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
  - "count": 0},
  - "cluster\_uuid": "string",
  - "cvm\_ip\_address": "string",

- "data\_migrated": true,
- "disk\_hardware\_config": {
- "background\_operation": "string",
- "bad": true,
- "boot\_disk": true,
- "can\_add\_as\_new\_disk": true,
- "can\_add\_as\_old\_disk": true,
- "current\_firmware\_version": "string",
- "disk\_id": "string",
- "disk\_uuid": "string",
- "location": 0,
- "model": "string",
- "mount\_path": "string",
- "mounted": true,
- "only\_boot\_disk": true,
- "serial\_number": "string",
- "target\_firmware\_version": "string",
- "under\_diagnosis": true,
- "vendor": "string"},
- "disk\_size": 0,
- "disk\_status": "NORMAL",
- "disk\_uuid": "string",
- "dynamic\_ring\_changing\_node": {
- "acropolis\_connection\_state": "string",
- "alert\_summary": {
  - "alert\_summaries": {
  - "property1": {
    - "entities": [
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        - "acknowledged\_by\_username": "string",
        - "acknowledged\_time\_stamp\_in\_usecs": 0,
        - "affected\_entities": [
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        - "alert\_details": {
        - "metric\_details": [ ],
        - "severity\_trails": [ ]},
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        - "alert\_type\_uuid": "string",
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        - "categories": [
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        - "classifications": [
          - null],
        - "cluster\_uuid": "string",
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        - "context\_values": [
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        - "entity\_types": [
          - null],
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- "impact": "string",
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- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}],
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- "count": 0,
- "entity\_list": [
  - "string"],
- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}},
- "property2": {
  - "entities": [
    - {
      - "acknowledged": true,
      - "acknowledged\_by\_username": "string",
      - "acknowledged\_time\_stamp\_in\_usecs": 0,
      - "affected\_entities": [
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      - "metric\_details": [ ],
      - "severity\_trails": [ ]},
      - "alert\_title": "string",
      - "alert\_type\_uuid": "string",
      - "auto\_resolved": true,
      - "categories": [
        - null],
      - "check\_id": "string",
      - "classifications": [
        - null],
      - "cluster\_uuid": "string",
      - "context\_types": [
        - null],
      - "context\_values": [
        - null],
      - "created\_time\_stamp\_in\_usecs": 0,
      - "detailed\_message": "string",



- "entity\_ids": [
- null],
- "entity\_types": [
- null],
- "entity\_uuids": [
- null],
- "id": "string",
- "impact": "string",
- "impact\_types": [
- null],
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- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
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- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
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- "count": 0,
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- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}}},
- "count": 0},
- "backplane\_address": [
- {
- "hostname": "string",
- "inet\_address": {
- "empty": {
- "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "value": null},
- "value": {
- "\$assertions\_disabled": true,
- "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "address\_cache\_init": true,
- "cache\_lock": { },
- "cache\_time": 0,
- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,

- "holder": {
  - "address": 0,
  - "family": 0,
  - "host\_name": "string",
  - "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
  - "property1": null,
  - "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
  - { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
  - {
    - "field": null,
    - "name": null,
    - "offset": null,
    - "signature": null,
    - "type": null,
    - "unshared": null}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"},
  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
  - "subnet\_sep": "string"}],
  - "backplane\_ip": "string",

- "bios\_model": "string",
- "bios\_version": "string",
- "block\_location": "string",
- "block\_model": "string",
- "block\_model\_name": "string",
- "block\_serial": "string",
- "bmc\_model": "string",
- "bmc\_version": "string",
- "boot\_time\_in\_usecs": 0,
- "cluster\_uuid": "string",
- "controller\_vm\_backplane\_address": [
  - {
  - "hostname": "string",
  - "inet\_address": {
    - "empty": {
      - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "value": null,
      - "value": {
        - "\$assertions\_disabled": true,
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        - "address\_cache\_init": true,
        - "cache\_lock": { },
        - "cache\_time": 0,
        - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "canonical\_host\_name": "string",
        - "fields\_offset": 0,
        - "holder": {
          - "address": 0,
          - "family": 0,
          - "host\_name": "string",
          - "original\_host\_name": "string"},
        - "impl": { },
        - "ipv4": 0,
        - "ipv6": 0,
        - "lookup\_table": {
          - "property1": null,
          - "property2": null,
        - "max\_cache\_time": 0,
        - "name\_services": [
          - { }],
        - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "prefer\_ipv6\_address": true,
        - "serial\_persistent\_fields": [
          - {
            - "field": null,
            - "name": null,
            - "offset": null,
            - "signature": null,
            - "type": null,
            - "unshared": null}],
        - "unknown\_array": [
          - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
        - "unsafe": {
          - "address\_size": 0,
          - "array\_boolean\_base\_offset": 0,
          - "array\_boolean\_index\_scale": 0,

- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
  - "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}},
- "controller\_vm\_backplane\_ip": "string",
- "cpu\_capacity\_in\_hz": 0,
- "cpu\_frequency\_in\_hz": 0,
- "cpu\_model": "string",
- "default\_vhd\_container\_id": "string",
- "default\_vhd\_container\_uuid": "string",
- "default\_vhd\_location": "string",
- "default\_vhd\_storage\_container\_id": "string",
- "default\_vhd\_storage\_container\_uuid": "string",
- "default\_vm\_container\_id": "string",
- "default\_vm\_container\_uuid": "string",
- "default\_vm\_location": "string",
- "default\_vm\_storage\_container\_id": "string",
- "default\_vm\_storage\_container\_uuid": "string",
- "disk\_hardware\_configs": {
  - "property1": {
  - "background\_operation": "string",
  - "bad": true,
  - "boot\_disk": true,
  - "can\_add\_as\_new\_disk": true,
  - "can\_add\_as\_old\_disk": true,
  - "current\_firmware\_version": "string",
  - "disk\_id": "string",
  - "disk\_uuid": "string",
  - "location": 0,
  - "model": "string",
  - "mount\_path": "string",
  - "mounted": true,
  - "only\_boot\_disk": true,
  - "serial\_number": "string",
  - "target\_firmware\_version": "string",
  - "under\_diagnosis": true,

- "vendor": "string"},
- "property2": {
- "background\_operation": "string",
- "bad": true,
- "boot\_disk": true,
- "can\_add\_as\_new\_disk": true,
- "can\_add\_as\_old\_disk": true,
- "current\_firmware\_version": "string",
- "disk\_id": "string",
- "disk\_uuid": "string",
- "location": 0,
- "model": "string",
- "mount\_path": "string",
- "mounted": true,
- "only\_boot\_disk": true,
- "serial\_number": "string",
- "target\_firmware\_version": "string",
- "under\_diagnosis": true,
- "vendor": "string"}},
- "dynamic\_ring\_changing\_node": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "failover\_cluster\_fqdn": "string",
- "failover\_cluster\_node\_state": "string",
- "gpu\_driver\_version": "string",
- "has\_csr": true,
- "hba\_firmwares\_list": [
  - {
  - "hba\_model": "string",
  - "hba\_version": "string"}},
- "health\_summary": {
  - "entity\_type\_summaries": [
    - {
      - "checks\_in\_error": {
      - "property1": {
        - "cluster\_level": [
          - null],
        - "node\_level": [
          - null]],
      - "property2": {
        - "cluster\_level": [
          - null],
        - "node\_level": [
          - null]]},
      - "detailed\_check\_summary": {
      - "property1": {
        - "property1": 0,
        - "property2": 0},
      - "property2": {
        - "property1": 0,
        - "property2": 0}},
      - "entity\_type": "PAGE",
      - "filter\_criteria": "string",
      - "health\_summary": {
        - "property1": 0,
        - "property2": 0}}},
      - "health\_check\_summaries": {
      - "property1": {
        - "attribute\_map": {
        - "property1": "string",

- "property2": "string"},
- "executed\_time\_stamp\_in\_usecs": 0,
- "health\_status": "Critical",
- "id": "string",
- "score": 0},
- "property2": {
  - "attribute\_map": {
  - "property1": "string",
  - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0}},
  - "health\_status": "Critical"),
- "host\_gpus": [
  - "string"],
- "host\_in\_maintenance\_mode": true,
- "host\_maintenance\_mode\_reason": "string",
- "host\_nic\_ids": [
  - "string"],
- "host\_type": "HYPER\_CONVERGED",
- "hypervisor\_address": "string",
- "hypervisor\_address\_value": [
  - {
  - "hostname": "string",
- "inet\_address": {
  - "empty": {
  - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "value": null},
  - "value": {
  - "\$assertions\_disabled": true,
  - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "address\_cache\_init": true,
  - "cache\_lock": { },
  - "cache\_time": 0,
  - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "canonical\_host\_name": "string",
  - "fields\_offset": 0,
  - "holder": {
    - "address": 0,
    - "family": 0,
    - "host\_name": "string",
    - "original\_host\_name": "string"},
  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
    - "property1": null,
    - "property2": null},
    - "max\_cache\_time": 0,
    - "name\_services": [
      - { }],
    - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "prefer\_ipv6\_address": true,
    - "serial\_persistent\_fields": [
      - {

- "field": null,
- "name": null,
- "offset": null,
- "signature": null,
- "type": null,
- "unshared": null}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
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  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"},
  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
  - "subnet\_sep": "string"}],
  - "hypervisor\_full\_name": "string",
  - "hypervisor\_key": "string",
  - "hypervisor\_password": "string",
  - "hypervisor\_state": "string",
  - "hypervisor\_type": "string",
  - "hypervisor\_username": "string",
  - "ipmi\_address": "string",
  - "ipmi\_address\_value": [
    - {
    - "hostname": "string",
    - "inet\_address": {
      - "empty": {
        - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "value": null},
        - "value": {
          - "\$assertions\_disabled": true,
          - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "address\_cache\_init": true,
          - "cache\_lock": { },

- "cache\_time": 0,
- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
  - "address": 0,
  - "family": 0,
  - "host\_name": "string",
  - "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
  - "property1": null,
  - "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
  - { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
  - {
    - "field": null,
    - "name": null,
    - "offset": null,
    - "signature": null,
    - "type": null,
    - "unshared": null}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"},



- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}],
- "ipmi\_password": "string",
- "ipmi\_username": "string",
- "is\_degraded": true,
- "is\_hardware\_virtualized": true,
- "is\_secure\_booted": true,
- "key\_management\_device\_to\_certificate\_status": {
  - "property1": true,
  - "property2": true},
- "management\_server\_name": "string",
- "memory\_capacity\_in\_bytes": 0,
- "metadata\_store\_status": "string",
- "metadata\_store\_status\_message": "string",
- "monitored": true,
- "name": "string",
- "num\_cpu\_cores": 0,
- "num\_cpu\_sockets": 0,
- "num\_cpu\_threads": 0,
- "num\_vms": 0,
- "oplog\_disk\_pct": 0.1,
- "oplog\_disk\_size": 0,
- "position": {
  - "name": "string",
  - "ordinal": 0,
  - "physical\_position": "C"},
- "rdma\_backplane\_address\_list": [
  - {
  - "hostname": "string",
  - "inet\_address": {
    - "empty": {
    - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "value": null},
    - "value": {
    - "\$assertions\_disabled": true,
    - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "address\_cache\_init": true,
    - "cache\_lock": { },
    - "cache\_time": 0,
    - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "canonical\_host\_name": "string",
    - "fields\_offset": 0,
    - "holder": {
      - "address": 0,
      - "family": 0,
      - "host\_name": "string",
      - "original\_host\_name": "string"},
    - "impl": { },
    - "ipv4": 0,
    - "ipv6": 0,
    - "lookup\_table": {
      - "property1": null,
      - "property2": null},
    - "max\_cache\_time": 0,
    - "name\_services": [

- { }},
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
  - {
  - "field": null,
  - "name": null,
  - "offset": null,
  - "signature": null,
  - "type": null,
  - "unshared": null}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"},
  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
  - "subnet\_sep": "string"}],
  - "rdma\_backplane\_ips": [
    - "string"],
  - "reboot\_pending": true,
  - "removal\_status": [
    - "NA"],
  - "serial": "string",
  - "service\_vmexternal\_address": [
    - {
    - "hostname": "string",
    - "inet\_address": {
      - "empty": {
      - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "value": null},
      - "value": {

- "\$assertions\_disabled": true,
- "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "address\_cache\_init": true,
- "cache\_lock": { },
- "cache\_time": 0,
- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
  - "address": 0,
  - "family": 0,
  - "host\_name": "string",
  - "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
  - "property1": null,
  - "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
  - { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
  - {
    - "field": null,
    - "name": null,
    - "offset": null,
    - "signature": null,
    - "type": null,
    - "unshared": null}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,

- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
  - "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"]],
- "service\_vmexternal\_ip": "string",
- "service\_vmid": "string",
- "service\_vmnat\_ip": "string",
- "service\_vmnat\_port": 0,
- "state": "NEW",
- "stats": {
  - "property1": "string",
  - "property2": "string"},
- "usage\_stats": {
  - "property1": "string",
  - "property2": "string"},
- "uuid": "string",
- "vzone\_name": "string"},
- "health\_summary": {
- "entity\_type\_summaries": [
  - {
  - "checks\_in\_error": {
    - "property1": {
    - "cluster\_level": [
      - {
      - "entity\_name": null,
      - "entity\_uuid": null,
      - "message": null}},
    - "node\_level": [
      - {
      - "entity\_name": null,
      - "entity\_uuid": null,
      - "message": null}}},
    - "property2": {
    - "cluster\_level": [
      - {
      - "entity\_name": null,
      - "entity\_uuid": null,
      - "message": null}},
    - "node\_level": [
      - {
      - "entity\_name": null,
      - "entity\_uuid": null,
      - "message": null}}},
  - "detailed\_check\_summary": {
    - "property1": {
    - "property1": 0,
    - "property2": 0},
    - "property2": {
    - "property1": 0,
    - "property2": 0}},
  - "entity\_type": "PAGE",
  - "filter\_criteria": "string",
  - "health\_summary": {

- "property1": 0,
- "property2": 0}}],
- "health\_check\_summaries": {
  - "property1": {
  - "attribute\_map": {
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    - "property2": "string"},
    - "executed\_time\_stamp\_in\_usecs": 0,
    - "health\_status": "Critical",
    - "id": "string",
    - "score": 0},
    - "property2": {
    - "attribute\_map": {
      - "property1": "string",
      - "property2": "string"},
      - "executed\_time\_stamp\_in\_usecs": 0,
      - "health\_status": "Critical",
      - "id": "string",
      - "score": 0}},
  - "health\_status": "Critical"},
  - "host\_name": "string",
  - "id": "string",
  - "last\_node\_uuid": "string",
  - "last\_service\_vmid": "string",
  - "location": 0,
  - "marked\_for\_removal": true,
  - "mount\_path": "string",
  - "node\_name": "string",
  - "node\_uuid": "string",
  - "online": true,
  - "password\_protected": true,
  - "self\_encrypting\_drive": true,
  - "self\_managed\_nvme": true,
  - "service\_vmid": "string",
  - "stats": {
    - "property1": "string",
    - "property2": "string"},
    - "storage\_pool\_id": "string",
    - "storage\_pool\_uuid": "string",
    - "storage\_tier\_name": "string",
    - "usage\_stats": {
      - "property1": "string",
      - "property2": "string"}}},
  - "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,

- "total\_entities": 0}

```
}`
```

## Get the list of events generated on a specified Disk.

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of a Disk |

### query Parameters

| | | | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of events | | acknowledged | boolean Events which have been acknowledged | | page | integer Page number |

### Responses

#### 200

Successful operation

get/disks/{uuid}/events

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/disks/{uuid}/events

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/disks/{uuid}/events \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

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```
`{
```

- "entities": [
- {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
  - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}],
    - "alert\_details": {
    - "metric\_details": [

- {
- "comparison\_operator": "string",
- "condition\_type": "STATIC\_THRESHOLD",
- "data\_type": "LONG",
- "entity\_id": "string",
- "entity\_type": "string",
- "metric\_category": "string",
- "metric\_display\_name": "string",
- "metric\_name": "string",
- "metric\_value\_details": [
  - {
  - "metric\_threshold\_value": "string",
  - "metric\_value": "string",
  - "state\_change\_time\_stamp\_in\_usecs": 0}},
- "unit": "string"}},
- "severity\_trails": [
  - {
  - "severity": "string",
  - "severity\_change\_timestamp\_in\_usecs": 0}}},
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
  - "actions": "string",
  - "additional\_links": "string",
  - "alert\_namespace": "string",
  - "cause": "string",
  - "chart\_queries": {
  - "entities": [
    - {
    - "actions": "string",

- "alerts": "string",
- "cadmus": "string",
- "entities": "string",
- "help": "string",
- "metadata": {
  - "entity\_type": "PAGE",
  - "filters": [
    - null],
  - "instances": [
    - null],
  - "title": "string"},
- "perspectives": [
  - {
    - "format": null,
    - "metadata": null,
    - "query": null,
    - "result": null,
    - "type": null}}],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "details": "string",
- "has\_global\_details": true,
- "id": "string",
- "num\_resolved\_count": 0,
- "parent\_cause\_id": "string",
- "title": "string",
- "troubleshooting\_steps": "string"}],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",



- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

```
}`
```

## Get the list of events generated on any Disk.

### query Parameters

||| |---| | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of events | | acknowledged | boolean Events which have been acknowledged | | page | integer Page number |

### Responses

#### 200

Successful operation

get/disks/events

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/disks/events](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/disks/events)

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/disks/events \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
- {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
  - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"]},

- "alert\_details": {
- "metric\_details": [
  - {
    - "comparison\_operator": "string",
    - "condition\_type": "STATIC\_THRESHOLD",
    - "data\_type": "LONG",
    - "entity\_id": "string",
    - "entity\_type": "string",
    - "metric\_category": "string",
    - "metric\_display\_name": "string",
    - "metric\_name": "string",
    - "metric\_value\_details": [
      - {
        - "metric\_threshold\_value": "string",
        - "metric\_value": "string",
        - "state\_change\_time\_stamp\_in\_usecs": 0}},
    - "unit": "string"}],
  - "severity\_trails": [
    - {
      - "severity": "string",
      - "severity\_change\_timestamp\_in\_usecs": 0}},
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
  - "check\_id": "string",
  - "classifications": [
    - "string"],
  - "cluster\_uuid": "string",
  - "context\_types": [
    - "string"],
  - "context\_values": [
    - "string"],
  - "created\_time\_stamp\_in\_usecs": 0,
  - "detailed\_message": "string",
  - "entity\_ids": [
    - "string"],
  - "entity\_types": [
    - "string"],
  - "entity\_uuids": [
    - "string"],
  - "id": "string",
  - "impact": "string",
  - "impact\_types": [
    - "string"],
  - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
  - "message": "string",
  - "node\_uuid": "string",
  - "operation\_type": "string",
  - "originating\_cluster\_uuid": "string",
  - "possible\_causes": [
    - "string"],
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - "string"],

- {
- "actions": "string",
- "alerts": "string",
- "cadmus": "string",
- "entities": "string",
- "help": "string",
- "metadata": {
  - "entity\_type": "PAGE",
  - "filters": [
    - null],
    - "instances": [
      - null],
      - "title": "string"},
  - "perspectives": [
    - {
      - "format": null,
      - "metadata": null,
      - "query": null,
      - "result": null,
      - "type": null}}}],
  - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
    - "message": "string"},
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"}},
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",

- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

```
}`
```

## Get the stats for a specified Disk.

If start time and end time are included in the query string, then historical stats are retrieved. Otherwise, the latest stats are retrieved.

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of a Disk |

### query Parameters

| | | | --- | --- | | metrics required | Array of strings List of metrics | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | interval\_in\_secs | integer Sampling interval of stats |

## Responses

### 200

Successful operation

get/disks/{uuid}/stats

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/disks/{uuid}/stats

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/disks/{uuid}/stats \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "stats\_specific\_responses": [
- {
  - "interval\_in\_secs": 0,
  - "message": "string",
  - "metric": "string",

- "start\_time\_in\_usecs": 0,
- "successful": true,
- "values": [
- 0]]

```
}`
```

## Mark specified Disk for Removal.

Mark specified Disk for removal. Use force option to ignore all the system validations.

### path Parameters

||| |---|---|| uuid required | string Uuid of a Disk |

### query Parameters

||| |---|---|| force | boolean Force the operation || bypass\_upgrade\_check | boolean Skip upgrade check |

## Responses

### 200

Successful operation

delete/disks/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/disks/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/disks/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

```
{`
```

- "value": true

```
}`
```

## /events

### Acknowledge Event.

Acknowledge Event with the specified Id.

### path Parameters

||| |---|---|| id required | string Event Id |

Responses

200

Successful operation

put/events/{id}/acknowledge

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/events/{id}/acknowledge

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/events/{id}/acknowledge \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

Acknowledge events.

Acknowledge events using a filter criteria.

query Parameters

||| |---|---| | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | severity | string Severity | | entity\_type | string Entity Type | | entity\_type\_ids | string Entity Type Ids | | count | integer Maximum number of events |

Responses

200

Successful operation

post/events/acknowledge

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/events/acknowledge

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/events/acknowledge \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "alert_status_list": [
  • {
    • "id": "string",
    • "message": "string",
    • "successful": true}},
  • "num_failed_updates": 0,
  • "num_successful_updates": 0
}`
```

Get the list of Events.

Get the list of Events generated in the cluster.

query Parameters

||| | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of events | | acknowledged | boolean Events which have been acknowledged | | page | integer Page number | | entity\_type | string Entity type | | entity\_ids | string Entity ids | | event\_ids | string Event ids | | detailed\_info | boolean Get detailed info |

Responses

200

Successful operation

get/events

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/events

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/events \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "entities": [
  • {
    • "acknowledged": true,
    • "acknowledged_by_username": "string",
    • "acknowledged_time_stamp_in_usecs": 0,
    • "affected_entities": [
    • {
      • "entity_name": "string",
      • "entity_type": "string",
      • "entity_type_display_name": "string",
      • "id": "string",
      • "uuid": "string"]],
    • "alert_details": {
    • "metric_details": [
      • {
      • "comparison_operator": "string",
      • "condition_type": "STATIC_THRESHOLD",
      • "data_type": "LONG",
      • "entity_id": "string",
      • "entity_type": "string",
      • "metric_category": "string",
      • "metric_display_name": "string",
      • "metric_name": "string",
      • "metric_value_details": [
        • {
        • "metric_threshold_value": "string",
        • "metric_value": "string",
        • "state_change_time_stamp_in_usecs": 0}],
      • "unit": "string"]],
    • "severity_trails": [
      • {
      • "severity": "string",
      • "severity_change_timestamp_in_usecs": 0}],
    • "alert_title": "string",
    • "alert_type_uuid": "string",
    • "auto_resolved": true,
    • "categories": [
    • "string"],
    • "check_id": "string",
    • "classifications": [
    • "string"],
    • "cluster_uuid": "string",
    • "context_types": [
    • "string"],
    • "context_values": [
    • "string"],
    • "created_time_stamp_in_usecs": 0,
    • "detailed_message": "string",
    • "entity_ids": [
    • "string"],
    • "entity_types": [
```



- "string"],
- "entity\_uuids": [
- "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
- "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
- {
  - "actions": "string",
  - "additional\_links": "string",
  - "alert\_namespace": "string",
  - "cause": "string",
  - "chart\_queries": {
  - "entities": [
    - {
    - "actions": "string",
    - "alerts": "string",
    - "cadmus": "string",
    - "entities": "string",
    - "help": "string",
    - "metadata": {
      - "entity\_type": "PAGE",
      - "filters": [
        - null],
        - "instances": [
          - null],
          - "title": "string"},
      - "perspectives": [
        - {
          - "format": null,
          - "metadata": null,
          - "query": null,
          - "result": null,
          - "type": null}}],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
    - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
  - "details": "string",
  - "has\_global\_details": true,

```
    • "id": "string",
    • "num_resolved_count": 0,
    • "parent_cause_id": "string",
    • "title": "string",
    • "troubleshooting_steps": "string"}],
  • "resolved": true,
  • "resolved_by_username": "string",
  • "resolved_time_stamp_in_usecs": 0,
  • "service_vmid": "string",
  • "severity": "string",
  • "user_defined": true}],
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}`
```

## /file\_groups

### List file groups.

List file groups.

#### query Parameters

| | | | --- | --- | | uuid | string UUID of file group |

#### Responses

##### 200

Successful operation

get/file\_groups

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/file\_groups

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/file_groups \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

...

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "entities": [
    {
      "error_details": {
        "entity_id": "string",
        "error_code": 0,
        "error_message": "string",
        "file_clone_paths": [
          "string",
          "file_group_uuid": "string",
          "protection_domain_name": "string",
          "snapshot_id": "string",
          "snapshot_uuid": "string",
          "state": "NOT_STARTED",
          "task_uuid": "string",
          "v_store_path_prefixes": [
            "string",
            "vm_ids": [
              "string"
            ]
          ]
        },
        "error_info": {
          "count": 0,
          "entity_list": [
            "string"
          ],
          "message": "string",
          "metadata": {
            "count": 0,
            "end_index": 0,
            "filter_criteria": "string",
            "grand_total_entities": 0,
            "next_cursor": "string",
            "page": 0,
            "previous_cursor": "string",
            "search_string": "string",
            "sort_criteria": "string",
            "start_index": 0,
            "total_entities": 0
          }
        }
      }
    }
  ]
}
```

Remove files for a specific file group.

Delete all the entities associated with this file group (Nutanix fast clone). This is an overruling API, which deletes all the entities in the live namespace associated with this file group. This operation is irreversible, hence users caution is required.

path Parameters

||| --- | --- || uuid required | string UUID of file group |

Responses

200

Successful operation

post/file\_groups/{uuid}/delete\_files

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/file\_groups/{uuid}/delete\_files

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/file_groups/{uuid}/delete_files \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

#### Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
`}
```

### /flr

#### get/flr/{vm\_uuid}/attached\_disks/{snapshot\_id}/getAttachedFlrSnapshotOfVM

##### path Parameters

| | | --- | --- | | vm\_uuid required | string Uuid of the VM | | snapshot\_id required | integer Id of the snapshot |

#### Responses

200

Successful operation

get/flr/{vm\_uuid}/attached\_disks/{snapshot\_id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/flr/{vm\_uuid}/attached\_disks/{snapshot\_id}

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/flr/{vm_uuid}/attached_disks/{snapshot_id} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

200

Content type

application/json

Copy

Expand all Collapse all

```
`[
  {
    "attached_disk_label": "string",
    "attached_disk_uuid": "string",
    "disk_detach_time": 0,
    "original_disk_label": "string",
    "original_disk_uuid": "string",
    "snapshot_id": 0}
]
```

get/flr/{vm\_uuid}/attached\_disks/getAttachedFlrSnapshotsOfVM

path Parameters

|  |  |  |     |     |  |  |                  |  |        |                |  |
|--|--|--|-----|-----|--|--|------------------|--|--------|----------------|--|
|  |  |  | --- | --- |  |  | vm_uuid required |  | string | Uuid of the VM |  |
|--|--|--|-----|-----|--|--|------------------|--|--------|----------------|--|

Responses

200

Successful operation

get/flr/{vm\_uuid}/attached\_disks

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/flr/{vm\_uuid}/attached\_disks

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

``` curl --request GET \ --url https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/flr/{vm\_uuid}/attached\_disks \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

Response samples

200

Content type

application/json

Copy

Expand all Collapse all

`[

- {
- "attached\_disk\_label": "string",
- "attached\_disk\_uuid": "string",
- "disk\_detach\_time": 0,
- "original\_disk\_label": "string",
- "original\_disk\_uuid": "string",
- "snapshot\_id": 0}

]

**get/flr/{vm\_uuid}/snapshots/getFlrSnapshotsOfVM**

**path Parameters**

| | | | --- | --- | | vm\_uuid required | string Uuid of the VM |

**query Parameters**

| | | | --- | --- | | snapshot\_count | integer Snapshot Count |

**Responses**

**200**

Successful operation

get/flr/{vm\_uuid}/snapshots

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/flr/{vm\_uuid}/snapshots

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/flr/{vm_uuid}/snapshots \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
...
'''
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

`[

- {
- "disk\_labels": [
  - "string"],
- "disk\_uuids": [
  - "string"],

- "flr\_capabale": true,
- "locally\_avaiable": true,
- "remote\_sites": [
  - "string"],
- "snapshot\_create\_time": 0,
- "snapshot\_expiry\_time": 0,
- "snapshot\_id": 0}

]

## post/flr/{vm\_uuid}/attach\_disk/attachFlrDisk

### path Parameters

||| |---|---|| vm\_uuid required | string Uuid of the VM |

### Request Body schema: application/json required

Snapshot id and specific disk to attach

||| |---|---|| disk\_label | string || snapshot\_id | integer |

### Responses

#### 200

Successful operation

post/flr/{vm\_uuid}/attach\_disk

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/flr/{vm\_uuid}/attach\_disk

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \
--url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/flr/{vm_uuid}/attach_disk \
--header 'Accept: application/json' \
--header 'Content-Type: application/json' \
--data '{ "disk_label": "string",
"snapshot_id": 0 }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

## post/flr/{vm\_uuid}/detach\_disk/detachFlrDisk

### path Parameters

||| |---|---|| vm\_uuid required | string Uuid of the VM |

### Request Body schema: application/json required

Specific disk to detach

||| | --- | --- || attached\_disk\_label | string |

Responses

200

Successful operation

post/flr/{vm\_uuid}/detach\_disk

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/flr/{vm\_uuid}/detach\_disk

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/flr/{vm_uuid}/detach_disk \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "attached_disk_label":
"string" }'
```

Response samples

- 200

Content type

application/json

Copy

```
`{
• "value": true
}`
```

/ha

Enable, disable or modify HA configuration.

Request Body schema: application/json required

HA configuration

||| | --- | --- || enable\_failover | boolean || evacuation\_option | string Enum: "POWER\_OFF" "COLD\_MIGRATE" "LIVE\_MIGRATE" || logical\_timestamp | integer  
|| num\_host\_failures\_to\_tolerate | integer || reservation\_type | string Enum: "RESERVE\_HOSTS" "RESERVE\_SEGMENTS" "NO\_RESERVATIONS" |

Responses

200

Successful operation

put/ha

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/ha

Request samples

- cURL
- Wget



- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/ha \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "enable_failover": true, "evacuation_option": "POWER_OFF", "logical_timestamp": 0, "num_host_failures_to_tolerate": 0, "reservation_type": "RESERVE_HOSTS" }'
```

**Response samples**

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

**Get current HA configuration.**

**Responses**

**200**

Successful operation

get/ha

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/ha

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/ha \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
'''
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "failover_enabled": true,
  "failover_in_progress_host_uuids": [
```

```

    • "string"],
    • "ha_state": "HIGHLY_AVAILABLE",
    • "logical_timestamp": 0,
    • "num_host_failures_to_tolerate": 0,
    • "reservation_type": "RESERVE_HOSTS",
    • "reserved_host_uuids": [
    • "string"]
  }`

```

/health\_checks

Get Health Check details.

Get the health check with the specified id.

path Parameters

```

| | | | --- | --- | | id required | string Id of the health check |

```

query Parameters

```

| | | | --- | --- | | global_config | boolean Whether to get the global config list or not. |

```

Responses

200

Successful operation

```

get/health_checks/{id}

```

```

https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/health_checks/{id}

```

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/health_checks/{id} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
`
`

```

Response samples

- 200

Content type

```

application/json

```

Copy

Expand all Collapse all

```

`{
  • "affected_entity_types": [
  • "string"],
  • "alert_config_exception_groups": [
  • {
    • "auto_resolve": "ENABLED",

```

- "cluster\_uuids": [
- "string"],
- "configurable\_parameters": [
- {
  - "parameter\_boolean\_value": true,
  - "parameter\_default\_boolean\_value": true,
  - "parameter\_default\_long\_value": 0,
  - "parameter\_default\_string\_value": "string",
  - "parameter\_display\_name": "string",
  - "parameter\_long\_value": 0,
  - "parameter\_name": "string",
  - "parameter\_string\_value": "string",
  - "parameter\_unit": "string",
  - "parameter\_valid\_values": [
    - "string"],
    - "severity": "string"]},
- "severity\_threshold\_infos": [
  - {
    - "enabled": true,
    - "severity": "string"]}]},
  - "alert\_configurable\_parameters": [
  - {
    - "parameter\_boolean\_value": true,
    - "parameter\_default\_boolean\_value": true,
    - "parameter\_default\_long\_value": 0,
    - "parameter\_default\_string\_value": "string",
    - "parameter\_display\_name": "string",
    - "parameter\_long\_value": 0,
    - "parameter\_name": "string",
    - "parameter\_string\_value": "string",
    - "parameter\_unit": "string",
    - "parameter\_valid\_values": [
      - "string"],
      - "severity": "string"]},
  - "alert\_type\_id": "string",
  - "applicable\_for\_multi\_cluster": true,
  - "applicable\_for\_single\_cluster": true,
  - "auto\_resolve": "ENABLED",
  - "category\_types": [
    - "string"],
  - "causes": [
    - "string"],
  - "check\_type": "SCHEDULED",
  - "classifications": [
    - "string"],
  - "description": "string",
  - "enabled": true,
  - "exception\_count": 0,
  - "id": "string",
  - "impact\_types": [
    - "string"],
  - "impacts": [
    - "string"],
  - "is\_global\_config": true,
  - "is\_user\_defined": true,
  - "kb\_list": [
    - "string"],
  - "message": "string",
  - "metrics": [

```
• {
  • "display_name": "string",
  • "name": "string"}},
• "modified_by_username": "string",
• "modified_time_stamp_in_usecs": 0,
• "name": "string",
• "parameters": {
• "property1": {
  • "display_name": "string",
  • "name": "string",
  • "valid_values_range": [
  • "string"],
  • "value": "string"},
• "property2": {
  • "display_name": "string",
  • "name": "string",
  • "valid_values_range": [
  • "string"],
  • "value": "string"}},
• "policy_uuid": "string",
• "resolutions": [
• "string"],
• "schedule_interval_in_secs": 0,
• "scope": "string",
• "severity_threshold_infos": [
• {
  • "enabled": true,
  • "severity": "string"}],
• "sub_category_types": [
• "string"],
• "title": "string"
}
}
```

## Get the list of Health Checks.

Get the list of Health Checks configured in the cluster.

### query Parameters

||| | --- | --- || check\_ids | Array of strings Check Ids || global\_config | boolean Whether to get the global config list or not. || include\_internal\_checks | boolean Whether to include internal checks or not. || category\_types | Array of strings Categories of the Health Check. |

### Responses

200

Successful operation

get/health\_checks

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/health\_checks

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/health_checks \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "affected_entity_types": [
        "string",
        "alert_config_exception_groups": [
          {
            "auto_resolve": "ENABLED",
            "cluster_uuids": [
              "string",
              "configurable_parameters": [
                {
                  "parameter_boolean_value": true,
                  "parameter_default_boolean_value": true,
                  "parameter_default_long_value": 0,
                  "parameter_default_string_value": "string",
                  "parameter_display_name": "string",
                  "parameter_long_value": 0,
                  "parameter_name": "string",
                  "parameter_string_value": "string",
                  "parameter_unit": "string",
                  "parameter_valid_values": [
                    "string",
                    "severity": "string"
                  ]
                },
                "severity_threshold_infos": [
                  {
                    "enabled": true,
                    "severity": "string"
                  }
                ]
              }
            ],
            "alert_configurable_parameters": [
              {
                "parameter_boolean_value": true,
                "parameter_default_boolean_value": true,
                "parameter_default_long_value": 0,
                "parameter_default_string_value": "string",
                "parameter_display_name": "string",
                "parameter_long_value": 0,
                "parameter_name": "string",
                "parameter_string_value": "string",
                "parameter_unit": "string",
                "parameter_valid_values": [
                  "string",
                  "severity": "string"
                ]
              }
            ],
            "alert_type_id": "string",
            "applicable_for_multi_cluster": true,
            "applicable_for_single_cluster": true,
```

- "auto\_resolve": "ENABLED",
- "category\_types": [
- "string"],
- "causes": [
- "string"],
- "check\_type": "SCHEDULED",
- "classifications": [
- "string"],
- "description": "string",
- "enabled": true,
- "exception\_count": 0,
- "id": "string",
- "impact\_types": [
- "string"],
- "impacts": [
- "string"],
- "is\_global\_config": true,
- "is\_user\_defined": true,
- "kb\_list": [
- "string"],
- "message": "string",
- "metrics": [
- {
  - "display\_name": "string",
  - "name": "string"}],
  - "modified\_by\_username": "string",
  - "modified\_time\_stamp\_in\_usecs": 0,
  - "name": "string",
  - "parameters": {
  - "property1": {
    - "display\_name": "string",
    - "name": "string",
    - "valid\_values\_range": [
    - "string"],
    - "value": "string"},
    - "property2": {
      - "display\_name": "string",
      - "name": "string",
      - "valid\_values\_range": [
      - "string"],
      - "value": "string"}},
      - "policy\_uuid": "string",
      - "resolutions": [
      - "string"],
      - "schedule\_interval\_in\_secs": 0,
      - "scope": "string",
      - "severity\_threshold\_infos": [
      - {
        - "enabled": true,
        - "severity": "string"}],
        - "sub\_category\_types": [
        - "string"],
        - "title": "string"}],
        - "error\_info": {
        - "count": 0,
        - "entity\_list": [
        - "string"],
        - "message": "string"},
        - "metadata": {

```
• "count": 0,
• "end_index": 0,
• "filter_criteria": "string",
• "grand_total_entities": 0,
• "next_cursor": "string",
• "page": 0,
• "previous_cursor": "string",
• "search_string": "string",
• "sort_criteria": "string",
• "start_index": 0,
• "total_entities": 0}

}`
```

## Modify Health Check details.

Modify the specified health check details.

### Request Body schema: application/json required

An Health Check instance

||| --- | --- || cluster\_uuid | string | | generic\_dto | object (patch.dto.health.check.HealthCheckDTO) health-check | | operation | string |

## Responses

200

Successful operation

patch/health\_checks

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/health\\_checks](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/health_checks)

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PATCH \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/health_checks \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid": "string", "generic_dto": { "affected_entity_types": [ "string" ], "alert_config_exception_groups": [ { "auto_resolve": "ENABLED", "cluster_uuids": [ "string" ], "configurable_parameters": [ { "parameter_boolean_value": true, "parameter_default_boolean_value": true, "parameter_default_long_value": 0, "parameter_default_string_value": "string", "parameter_display_name": "string", "parameter_long_value": 0, "parameter_name": "string", "parameter_string_value": "string", "parameter_unit": "string", "parameter_valid_values": [ "string" ], "severity": "string" } ], "severity_threshold_infos": [ { "enabled": true, "severity": "string" } ] }, "alert_configurable_parameters": [ { "parameter_boolean_value": true, "parameter_default_boolean_value": true, "parameter_default_long_value": 0, "parameter_default_string_value": "string", "parameter_display_name": "string", "parameter_long_value": 0, "parameter_name": "string", "parameter_string_value": "string", "parameter_unit": "string", "parameter_valid_values": [ "string" ], "severity": "string" } ], "alert_type_id": "string", "applicable_for_multi_cluster": true, "applicable_for_single_cluster": true, "auto_resolve": "ENABLED", "category_types": [ "string" ], "causes": [ "string" ], "check_type": "SCHEDULED", "classifications": [ "string" ], "description": "string", "enabled": true, "exception_count": 0, "id": "string", "impact_types": [ "string" ], "impacts": [ "string" ], "is_global_config": true, "is_user_defined": true, "kb_list": [ "string" ], "message": "string", "metrics": [ { "display_name": "string", "name": "string" } ], "modified_by_username": "string", "modified_time_stamp_in_usecs": 0, "name": "string", "parameters": { "property1": { "display_name": "string", "name": "string", "valid_values_range": [ "string" ], "value": "string" }, "property2": { "display_name": "string", "name": "string", "valid_values_range": [ "string" ], "value": "string" } }, "policy_uuid": "string", "resolutions": [ "string" ], "schedule_interval_in_secs": 0, "scope": "string", "severity_threshold_infos": [ { "enabled": true, "severity": "string" } ], "sub_category_types": [ "string" ], "title": "string" }, "operation": "string" }'
```

## Response samples

• 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "affected\_entity\_types": [
  - "string"],
- "alert\_config\_exception\_groups": [
  - {
    - "auto\_resolve": "ENABLED",
    - "cluster\_uuids": [
      - "string"],
    - "configurable\_parameters": [
      - {
        - "parameter\_boolean\_value": true,
        - "parameter\_default\_boolean\_value": true,
        - "parameter\_default\_long\_value": 0,
        - "parameter\_default\_string\_value": "string",
        - "parameter\_display\_name": "string",
        - "parameter\_long\_value": 0,
        - "parameter\_name": "string",
        - "parameter\_string\_value": "string",
        - "parameter\_unit": "string",
        - "parameter\_valid\_values": [
          - "string"],
        - "severity": "string"}},
      - "severity\_threshold\_infos": [
        - {
          - "enabled": true,
          - "severity": "string"}]]],
  - "alert\_configurable\_parameters": [
    - {
      - "parameter\_boolean\_value": true,
      - "parameter\_default\_boolean\_value": true,
      - "parameter\_default\_long\_value": 0,
      - "parameter\_default\_string\_value": "string",
      - "parameter\_display\_name": "string",
      - "parameter\_long\_value": 0,
      - "parameter\_name": "string",
      - "parameter\_string\_value": "string",
      - "parameter\_unit": "string",
      - "parameter\_valid\_values": [
        - "string"],
      - "severity": "string"}},
  - "alert\_type\_id": "string",
  - "applicable\_for\_multi\_cluster": true,
  - "applicable\_for\_single\_cluster": true,
  - "auto\_resolve": "ENABLED",
  - "category\_types": [
    - "string"],
  - "causes": [
    - "string"],
  - "check\_type": "SCHEDULED",
  - "classifications": [
    - "string"],



- "string"],
- "description": "string",
- "enabled": true,
- "exception\_count": 0,
- "id": "string",
- "impact\_types": [
- "string"],
- "impacts": [
- "string"],
- "is\_global\_config": true,
- "is\_user\_defined": true,
- "kb\_list": [
- "string"],
- "message": "string",
- "metrics": [
- {
- "display\_name": "string",
- "name": "string"}],
- "modified\_by\_username": "string",
- "modified\_time\_stamp\_in\_usecs": 0,
- "name": "string",
- "parameters": {
- "property1": {
- "display\_name": "string",
- "name": "string",
- "valid\_values\_range": [
- "string"],
- "value": "string"},
- "property2": {
- "display\_name": "string",
- "name": "string",
- "valid\_values\_range": [
- "string"],
- "value": "string"}},
- "policy\_uuid": "string",
- "resolutions": [
- "string"],
- "schedule\_interval\_in\_secs": 0,
- "scope": "string",
- "severity\_threshold\_infos": [
- {
- "enabled": true,
- "severity": "string"}],
- "sub\_category\_types": [
- "string"],
- "title": "string"

}`

## Update Health Check details.

Update the specified health check details.

**Request Body schema: application/json required**

An Health Check instance

||| | --- | --- || affected\_entity\_types | Array of strings || alert\_config\_exception\_groups | Array of objects  
(update.dto.health.check.HealthCheckDTO\_AlertConfigExceptionGroup) || alert\_configurable\_parameters | Array of objects  
(update.dto.health.check.HealthCheckDTO\_AlertConfigParamDTO) || alert\_type\_id | string || applicable\_for\_multi\_cluster | boolean ||  
applicable\_for\_single\_cluster | boolean || auto\_resolve | string Enum: "ENABLED" "DISABLED" "NOT\_SUPPORTED" || category\_types | Array of strings ||  
causes | Array of strings || check\_type | string Enum: "SCHEDULED" "NOT\_SCHEDULED" "EVENT\_DRIVEN" || classifications | Array of strings || description |

string || enabled | boolean || exception\_count | integer || id | string || impact\_types | Array of strings || impacts | Array of strings || is\_global\_config | boolean || is\_user\_defined | boolean || kb\_list | Array of strings || message | string || metrics | Array of objects (update.dto.health.check.HealthCheckDTO\_HealthCheckMetricDTO) || modified\_by\_username | string || modified\_time\_stamp\_in\_usecs | integer || name | string || parameters | object || policy\_uuid | string || resolutions | Array of strings || schedule\_interval\_in\_secs | integer || scope | string || severity\_threshold\_infos | Array of objects (update.dto.health.check.HealthCheckDTO\_SeverityThresholdInfoDTO) || sub\_category\_types | Array of strings || title | string |

Responses

200

Successful operation

put/health\_checks

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/health\_checks

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/health_checks \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "affected_entity_types": [ "string" ], "alert_config_exception_groups": [ { "auto_resolve": "ENABLED", "cluster_uuids": [ "string" ], "configurable_parameters": [ { "parameter_boolean_value": true, "parameter_default_boolean_value": true, "parameter_default_long_value": 0, "parameter_default_string_value": "string", "parameter_display_name": "string", "parameter_long_value": 0, "parameter_name": "string", "parameter_string_value": "string", "parameter_unit": "string", "parameter_valid_values": [ "string" ], "severity": "string" } ], "severity_threshold_infos": [ { "enabled": true, "severity": "string" } ] } ], "alert_configurable_parameters": [ { "parameter_boolean_value": true, "parameter_default_boolean_value": true, "parameter_default_long_value": 0, "parameter_default_string_value": "string", "parameter_display_name": "string", "parameter_long_value": 0, "parameter_name": "string", "parameter_string_value": "string", "parameter_unit": "string", "parameter_valid_values": [ "string" ], "severity": "string" } ], "alert_type_id": "string", "applicable_for_multi_cluster": true, "applicable_for_single_cluster": true, "auto_resolve": "ENABLED", "category_types": [ "string" ], "causes": [ "string" ], "check_type": "SCHEDULED", "classifications": [ "string" ], "description": "string", "enabled": true, "exception_count": 0, "id": "string", "impact_types": [ "string" ], "impacts": [ "string" ], "is_global_config": true, "is_user_defined": true, "kb_list": [ "string" ], "message": "string", "metrics": [ { "display_name": "string", "name": "string" } ], "modified_by_username": "string", "modified_time_stamp_in_usecs": 0, "name": "string", "parameters": { "property1": { "display_name": "string", "name": "string", "valid_values_range": [ "string" ], "value": "string" }, "property2": { "display_name": "string", "name": "string", "valid_values_range": [ "string" ], "value": "string" } }, "policy_uuid": "string", "resolutions": [ "string" ], "schedule_interval_in_secs": 0, "scope": "string", "severity_threshold_infos": [ { "enabled": true, "severity": "string" } ], "sub_category_types": [ "string" ], "title": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "affected_entity_types": [
    "string"],
  "alert_config_exception_groups": [
    {
      "auto_resolve": "ENABLED",
```

- "cluster\_uuids": [
- "string"],
- "configurable\_parameters": [
- {
  - "parameter\_boolean\_value": true,
  - "parameter\_default\_boolean\_value": true,
  - "parameter\_default\_long\_value": 0,
  - "parameter\_default\_string\_value": "string",
  - "parameter\_display\_name": "string",
  - "parameter\_long\_value": 0,
  - "parameter\_name": "string",
  - "parameter\_string\_value": "string",
  - "parameter\_unit": "string",
  - "parameter\_valid\_values": [
    - "string"],
    - "severity": "string"]},
- "severity\_threshold\_infos": [
- {
  - "enabled": true,
  - "severity": "string"]}]},
- "alert\_configurable\_parameters": [
- {
  - "parameter\_boolean\_value": true,
  - "parameter\_default\_boolean\_value": true,
  - "parameter\_default\_long\_value": 0,
  - "parameter\_default\_string\_value": "string",
  - "parameter\_display\_name": "string",
  - "parameter\_long\_value": 0,
  - "parameter\_name": "string",
  - "parameter\_string\_value": "string",
  - "parameter\_unit": "string",
  - "parameter\_valid\_values": [
    - "string"],
    - "severity": "string"]},
- "alert\_type\_id": "string",
- "applicable\_for\_multi\_cluster": true,
- "applicable\_for\_single\_cluster": true,
- "auto\_resolve": "ENABLED",
- "category\_types": [
- "string"],
- "causes": [
- "string"],
- "check\_type": "SCHEDULED",
- "classifications": [
- "string"],
- "description": "string",
- "enabled": true,
- "exception\_count": 0,
- "id": "string",
- "impact\_types": [
- "string"],
- "impacts": [
- "string"],
- "is\_global\_config": true,
- "is\_user\_defined": true,
- "kb\_list": [
- "string"],
- "message": "string",
- "metrics": [

```
• {
  • "display_name": "string",
  • "name": "string"}},
• "modified_by_username": "string",
• "modified_time_stamp_in_usecs": 0,
• "name": "string",
• "parameters": {
• "property1": {
  • "display_name": "string",
  • "name": "string",
  • "valid_values_range": [
  • "string"],
  • "value": "string"},
• "property2": {
  • "display_name": "string",
  • "name": "string",
  • "valid_values_range": [
  • "string"],
  • "value": "string"}},
• "policy_uuid": "string",
• "resolutions": [
• "string"],
• "schedule_interval_in_secs": 0,
• "scope": "string",
• "severity_threshold_infos": [
• {
  • "enabled": true,
  • "severity": "string"}],
• "sub_category_types": [
• "string"],
• "title": "string"
}
}
```

## /hosts

### delete/hosts/{uuid}/beginRemoveHost

#### path Parameters

||| | --- | --- || uuid required | string |

#### query Parameters

||| | --- | --- || bypass\_space\_checks | boolean || ignore\_add\_in\_progress | boolean || force | boolean || bypass\_upgrade\_check | boolean |

#### Responses

##### 200

Successful operation

delete/hosts/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}

#### Request samples

- cURL
- Wget
- Python
- Go
- Java

- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

Get a particular GPU for a physical Host.

Get a particular GPU for a physical Host.

path Parameters

||| --- || uuid required | string Uuid of the Host | gpu\_uuid required | string UUID of the Host GPU |

Responses

200

Successful operation

```
get/hosts/{uuid}/host_gpus/{gpu_uuid}

https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/host_gpus/{gpu_uuid}
```

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/host_gpus/{gpu_uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
```

- "cluster\_name": "string",
- "cluster\_uuid": "string",
- "gpu\_config": {
- "assignable": true,
- "device\_id": 0,
- "device\_name": "string",
- "fraction": 0,
- "frame\_buffer\_size\_bytes": 0,
- "gpu\_mode": "UNUSED",
- "gpu\_profile": "string",
- "gpu\_type": "PASS\_THROUGH\_GRAPHICS",
- "gpu\_vendor": "NVIDIA",
- "guest\_driver\_version": "string",
- "in\_use": true,
- "licenses": [
  - "string"],
- "max\_instances\_per\_vm": 0,
- "max\_resolution": "string",
- "num\_virtual\_display\_heads": 0,
- "numa\_node": 0,
- "sbdf": "string",
- "vm\_uuids": [
  - "string"]},
- "id": "string",
- "node\_id": "string",
- "node\_uuid": "string",
- "num\_vgpus\_allocated": 0,
- "uuid": "string"

```
}`
```

## Get a Physical Host.

Get a Physical Host with the specified id.

### path Parameters

| Path | Required | Type   | Description             |
|------|----------|--------|-------------------------|
| id   | Yes      | string | Uuid of a Physical Host |

### query Parameters

| Parameter  | Required | Type   | Description                   |
|------------|----------|--------|-------------------------------|
| projection | No       | string | Projections on the attributes |

## Responses

### 200

Successful operation

get/hosts/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "acropolis_connection_state": "string",
  • "alert_summary": {
  • "alert_summaries": {
    • "property1": {
    • "entities": [
      • {
      • "acknowledged": true,
      • "acknowledged_by_username": "string",
      • "acknowledged_time_stamp_in_usecs": 0,
      • "affected_entities": [
        • {
        • "entity_name": "string",
        • "entity_type": "string",
        • "entity_type_display_name": "string",
        • "id": "string",
        • "uuid": "string"}],
      • "alert_details": {
        • "metric_details": [
          • {
            • "comparison_operator": "string",
            • "condition_type": "STATIC_THRESHOLD",
            • "data_type": "LONG",
            • "entity_id": "string",
            • "entity_type": "string",
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    - "declared\_annotations": {
    - "property1": null,
    - "property2": null},
    - "redefined\_count": 0},
  - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "class\_redefined\_count": 0,
  - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "enum": 0,
  - "enum\_constant\_directory": {
    - "property1": null,
    - "property2": null},
  - "enum\_constants": null,
  - "generic\_info": {
    - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "super\_interfaces": [
    - null],
    - "superclass": { }},
  - "initted": true,
  - "name": "string",
  - "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "reflection\_data": {
    - "clock": 0,
    - "timestamp": 0},
  - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "serial\_persistent\_fields": [
    - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
  - "synthetic": 0,
  - "use\_caches": true},
  - "unshared": true}},
  - "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
  - "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
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  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,

- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}},
- "ipmi\_password": "string",
- "ipmi\_username": "string",
- "is\_degraded": true,
- "is\_hardware\_virtualized": true,
- "is\_secure\_booted": true,
- "key\_management\_device\_to\_certificate\_status": {
- "property1": true,
- "property2": true},
- "management\_server\_name": "string",
- "memory\_capacity\_in\_bytes": 0,
- "metadata\_store\_status": "string",
- "metadata\_store\_status\_message": "string",
- "monitored": true,
- "name": "string",
- "num\_cpu\_cores": 0,
- "num\_cpu\_sockets": 0,
- "num\_cpu\_threads": 0,
- "num\_vms": 0,
- "oplog\_disk\_pct": 0.1,
- "oplog\_disk\_size": 0,
- "position": {
- "name": "string",
- "ordinal": 0,
- "physical\_position": "C"},
- "rdma\_backplane\_address\_list": [
- {
- "hostname": "string",
- "inet\_address": {
- "empty": {
- "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "value": null},
- "value": {
- "\$assertions\_disabled": true,
- "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "address\_cache\_init": true,
- "cache\_lock": { },
- "cache\_time": 0,
- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",

- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
- {
- "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "name": "string",
- "offset": 0,
- "signature": "string",
- "type": {
- "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "annotation": 0,
- "annotation\_data": {
- "annotations": {
- "property1": null,
- "property2": null},
- "declared\_annotations": {
- "property1": null,
- "property2": null},
- "redefined\_count": 0},
- "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
- null],
- "superclass": { }},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": 0,
- "timestamp": 0},

- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
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  - "array\_char\_index\_scale": 0,
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  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"},
  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
  - "subnet\_sep": "string"}],
  - "rdma\_backplane\_ips": [
    - "string"],
  - "reboot\_pending": true,
  - "removal\_status": [
    - "NA"],
  - "serial": "string",
  - "service\_vmexternal\_address": [
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      - "hostname": "string",
      - "inet\_address": {
        - "empty": {
          - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "value": null},
        - "value": {
          - "\$assertions\_disabled": true,
          - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "address\_cache\_init": true,
          - "cache\_lock": { },
          - "cache\_time": 0,

- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
- {
  - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "name": "string",
  - "offset": 0,
  - "signature": "string",
  - "type": {
  - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "annotation": 0,
  - "annotation\_data": {
    - "annotations": {
    - "property1": null,
    - "property2": null},
    - "declared\_annotations": {
    - "property1": null,
    - "property2": null},
    - "redefined\_count": 0},
  - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "class\_redefined\_count": 0,
  - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "enum": 0,
  - "enum\_constant\_directory": {
    - "property1": null,
    - "property2": null},
  - "enum\_constants": null,
  - "generic\_info": {
    - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "super\_interfaces": [
    - null],
    - "superclass": { }},
  - "initted": true,
  - "name": "string",
  - "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "reflection\_data": {



- "clock": 0,
- "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}],
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"},
  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
  - "subnet\_sep": "string"}],
  - "service\_vmexternal\_ip": "string",
  - "service\_vmid": "string",
  - "service\_vmnat\_ip": "string",
  - "service\_vmnat\_port": 0,
  - "state": "NEW",
  - "stats": {
    - "property1": "string",
    - "property2": "string"},
  - "usage\_stats": {
    - "property1": "string",
    - "property2": "string"},
  - "uuid": "string",
  - "vzone\_name": "string"

}`

## Get stats for a particular GPU for a physical Host.

Get stats for a particular GPU for a physical Host.

path Parameters

||| | --- | --- || uuid required | string Uuid of the Host || gpu\_uuid required | string UUID of the Host GPU |

query Parameters

||| | --- | --- || metrics required | Array of strings List of metrics || start\_time\_in\_usecs | integer Start time in microseconds || end\_time\_in\_usecs | integer End time in microseconds || interval\_in\_secs | integer Sampling interval of stats |

Responses

200

Successful operation

get/hosts/{uuid}/host\_gpus/{gpu\_uuid}/stats

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/host\_gpus/{gpu\_uuid}/stats

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/host_gpus/{gpu_uuid}/stats \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "stats_specific_responses": [
    {
      "interval_in_secs": 0,
      "message": "string",
      "metric": "string",
      "start_time_in_usecs": 0,
      "successful": true,
      "values": [
        0
      ]
    }
  ]
}`
```

Get the list of alerts generated on a specified Host.

path Parameters

||| | --- | --- || uuid required | string Uuid of a Host |

query Parameters

||| | --- | --- || start\_time\_in\_usecs | integer Start time in microseconds || end\_time\_in\_usecs | integer End time in microseconds || count | integer Maximum number of alerts || resolved | boolean Alerts which have been resolved || acknowledged | boolean Alerts which have been acknowledged || severity | string Alert severities || alert\_type\_uuid | string Alert type ids || page | integer Page number |

Responses

200

Successful operation

get/hosts/{uuid}/alerts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/alerts

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "acknowledged": true,
      "acknowledged_by_username": "string",
      "acknowledged_time_stamp_in_usecs": 0,
      "affected_entities": [
        {
          "entity_name": "string",
          "entity_type": "string",
          "entity_type_display_name": "string",
          "id": "string",
          "uuid": "string"}],
      "alert_details": {
      "metric_details": [
        {
          "comparison_operator": "string",
          "condition_type": "STATIC_THRESHOLD",
          "data_type": "LONG",
          "entity_id": "string",
          "entity_type": "string",
          "metric_category": "string",
          "metric_display_name": "string",
          "metric_name": "string",
```

- "metric\_value\_details": [
  - {
    - "metric\_threshold\_value": "string",
    - "metric\_value": "string",
    - "state\_change\_time\_stamp\_in\_usecs": 0}},
- "unit": "string"}],
- "severity\_trails": [
  - {
    - "severity": "string",
    - "severity\_change\_timestamp\_in\_usecs": 0}}],
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
  - "check\_id": "string",
  - "classifications": [
    - "string"],
  - "cluster\_uuid": "string",
  - "context\_types": [
    - "string"],
  - "context\_values": [
    - "string"],
  - "created\_time\_stamp\_in\_usecs": 0,
  - "detailed\_message": "string",
  - "entity\_ids": [
    - "string"],
  - "entity\_types": [
    - "string"],
  - "entity\_uuids": [
    - "string"],
  - "id": "string",
  - "impact": "string",
  - "impact\_types": [
    - "string"],
  - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
  - "message": "string",
  - "node\_uuid": "string",
  - "operation\_type": "string",
  - "originating\_cluster\_uuid": "string",
  - "possible\_causes": [
    - {
      - "actions": "string",
      - "additional\_links": "string",
      - "alert\_namespace": "string",
      - "cause": "string",
      - "chart\_queries": {
      - "entities": [
        - {
          - "actions": "string",
          - "alerts": "string",
          - "cadmus": "string",
          - "entities": "string",
          - "help": "string",
          - "metadata": {
            - "entity\_type": "PAGE",
            - "filters": [
              - null],
            - "instances": [

- null],
- "title": "string"},
- "perspectives": [
  - {
    - "format": null,
    - "metadata": null,
    - "query": null,
    - "result": null,
    - "type": null}}}],
  - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
    - "message": "string"},
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"}],
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
      - "metadata": {
        - "count": 0,
        - "end\_index": 0,
        - "filter\_criteria": "string",
        - "grand\_total\_entities": 0,
        - "next\_cursor": "string",
        - "page": 0,
        - "previous\_cursor": "string",
        - "search\_string": "string",
        - "sort\_criteria": "string",
        - "start\_index": 0,
        - "total\_entities": 0}

}`

Get the list of alerts generated on any Host.

query Parameters

||| | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of alerts | | resolved | boolean Alerts which have been resolved | | acknowledged | boolean Alerts which have been acknowledged | | severity | string Alert severities | | alert\_type\_uuid | string Alert type ids | | page | integer Page number |

Responses

200

Successful operation

get/hosts/alerts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/alerts

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "acknowledged": true,
      "acknowledged_by_username": "string",
      "acknowledged_time_stamp_in_usecs": 0,
      "affected_entities": [
        {
          "entity_name": "string",
          "entity_type": "string",
          "entity_type_display_name": "string",
          "id": "string",
          "uuid": "string"}],
      "alert_details": {
        "metric_details": [
          {
            "comparison_operator": "string",
            "condition_type": "STATIC_THRESHOLD",
            "data_type": "LONG",
            "entity_id": "string",
```

- "entity\_type": "string",
- "metric\_category": "string",
- "metric\_display\_name": "string",
- "metric\_name": "string",
- "metric\_value\_details": [
  - {
    - "metric\_threshold\_value": "string",
    - "metric\_value": "string",
    - "state\_change\_time\_stamp\_in\_usecs": 0}},
- "unit": "string"]},
- "severity\_trails": [
  - {
    - "severity": "string",
    - "severity\_change\_timestamp\_in\_usecs": 0}}},
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
  - "check\_id": "string",
  - "classifications": [
    - "string"],
  - "cluster\_uuid": "string",
  - "context\_types": [
    - "string"],
  - "context\_values": [
    - "string"],
  - "created\_time\_stamp\_in\_usecs": 0,
  - "detailed\_message": "string",
  - "entity\_ids": [
    - "string"],
  - "entity\_types": [
    - "string"],
  - "entity\_uuids": [
    - "string"],
  - "id": "string",
  - "impact": "string",
  - "impact\_types": [
    - "string"],
  - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
  - "message": "string",
  - "node\_uuid": "string",
  - "operation\_type": "string",
  - "originating\_cluster\_uuid": "string",
  - "possible\_causes": [
    - {
      - "actions": "string",
      - "additional\_links": "string",
      - "alert\_namespace": "string",
      - "cause": "string",
      - "chart\_queries": {
      - "entities": [
        - {
          - "actions": "string",
          - "alerts": "string",
          - "cadmus": "string",
          - "entities": "string",
          - "help": "string",
          - "metadata": {

- "entity\_type": "PAGE",
- "filters": [
- null],
- "instances": [
- null],
- "title": "string"},
- "perspectives": [
- {
- "format": null,
- "metadata": null,
- "query": null,
- "result": null,
- "type": null}}],
- "error\_info": {
- "count": 0,
- "entity\_list": [
- "string"],
- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}},
- "details": "string",
- "has\_global\_details": true,
- "id": "string",
- "num\_resolved\_count": 0,
- "parent\_cause\_id": "string",
- "title": "string",
- "troubleshooting\_steps": "string"}],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
- "count": 0,
- "entity\_list": [
- "string"],
- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,



- "total\_entities": 0}

}`

## Get the list of events generated on a specified Host.

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of a Host |

### query Parameters

| | | | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of events | | acknowledged | boolean Events which have been acknowledged | | page | integer Page number |

### Responses

#### 200

Successful operation

get/hosts/{uuid}/events

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/events

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/events \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
  - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
        - "entity\_name": "string",
        - "entity\_type": "string",
        - "entity\_type\_display\_name": "string",
        - "id": "string",
        - "uuid": "string"}},
      - "alert\_details": {
      - "metric\_details": [
        - {

- {
- "comparison\_operator": "string",
- "condition\_type": "STATIC\_THRESHOLD",
- "data\_type": "LONG",
- "entity\_id": "string",
- "entity\_type": "string",
- "metric\_category": "string",
- "metric\_display\_name": "string",
- "metric\_name": "string",
- "metric\_value\_details": [
  - {
  - "metric\_threshold\_value": "string",
  - "metric\_value": "string",
  - "state\_change\_time\_stamp\_in\_usecs": 0}},
- "unit": "string"}},
- "severity\_trails": [
  - {
  - "severity": "string",
  - "severity\_change\_timestamp\_in\_usecs": 0}}},
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
  - "actions": "string",
  - "additional\_links": "string",
  - "alert\_namespace": "string",
  - "cause": "string",
  - "chart\_queries": {
  - "entities": [
    - {
    - "actions": "string",

- "alerts": "string",
- "cadmus": "string",
- "entities": "string",
- "help": "string",
- "metadata": {
  - "entity\_type": "PAGE",
  - "filters": [
    - null],
  - "instances": [
    - null],
  - "title": "string"},
- "perspectives": [
  - {
    - "format": null,
    - "metadata": null,
    - "query": null,
    - "result": null,
    - "type": null}}],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "details": "string",
- "has\_global\_details": true,
- "id": "string",
- "num\_resolved\_count": 0,
- "parent\_cause\_id": "string",
- "title": "string",
- "troubleshooting\_steps": "string"}],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",

- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

```
}`
```

## Get the list of events generated on any Host.

### query Parameters

||| |---|---|| start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of events | | acknowledged | boolean Events which have been acknowledged | | page | integer Page number |

### Responses

#### 200

Successful operation

get/hosts/events

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/events

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/events \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
- {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
  - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}],

- "alert\_details": {
- "metric\_details": [
  - {
    - "comparison\_operator": "string",
    - "condition\_type": "STATIC\_THRESHOLD",
    - "data\_type": "LONG",
    - "entity\_id": "string",
    - "entity\_type": "string",
    - "metric\_category": "string",
    - "metric\_display\_name": "string",
    - "metric\_name": "string",
    - "metric\_value\_details": [
      - {
        - "metric\_threshold\_value": "string",
        - "metric\_value": "string",
        - "state\_change\_time\_stamp\_in\_usecs": 0}},
    - "unit": "string"}],
  - "severity\_trails": [
    - {
      - "severity": "string",
      - "severity\_change\_timestamp\_in\_usecs": 0}},
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
  - "check\_id": "string",
  - "classifications": [
    - "string"],
  - "cluster\_uuid": "string",
  - "context\_types": [
    - "string"],
  - "context\_values": [
    - "string"],
  - "created\_time\_stamp\_in\_usecs": 0,
  - "detailed\_message": "string",
  - "entity\_ids": [
    - "string"],
  - "entity\_types": [
    - "string"],
  - "entity\_uuids": [
    - "string"],
  - "id": "string",
  - "impact": "string",
  - "impact\_types": [
    - "string"],
  - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
  - "message": "string",
  - "node\_uuid": "string",
  - "operation\_type": "string",
  - "originating\_cluster\_uuid": "string",
  - "possible\_causes": [
    - "string"],
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - "string"],

- {
- "actions": "string",
- "alerts": "string",
- "cadmus": "string",
- "entities": "string",
- "help": "string",
- "metadata": {
  - "entity\_type": "PAGE",
  - "filters": [
    - null],
    - "instances": [
      - null],
      - "title": "string"},
  - "perspectives": [
    - {
      - "format": null,
      - "metadata": null,
      - "query": null,
      - "result": null,
      - "type": null}}}],
  - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
    - "message": "string"},
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"}],
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
      - "metadata": {
        - "count": 0,
        - "end\_index": 0,
        - "filter\_criteria": "string",

- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

}`

## Get the list of GPUs for a physical Host.

Get the list of GPUs for a physical Host.

### path Parameters

||| | --- | --- || uuid required | string Uuid of the Host |

### query Parameters

||| | --- | --- || count | integer Number of host GPUs to retrieve | | filter\_criteria | string Filter criteria | | sort\_criteria | string Sort criteria | | search\_string | string Search string |

### Responses

#### 200

Successful operation

get/hosts/{uuid}/host\_gpus

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/host\_gpus

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/host_gpus \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "entities": [
- {
  - "cluster\_name": "string",
  - "cluster\_uuid": "string",
  - "gpu\_config": {

```

    • "assignable": true,
    • "device_id": 0,
    • "device_name": "string",
    • "fraction": 0,
    • "frame_buffer_size_bytes": 0,
    • "gpu_mode": "UNUSED",
    • "gpu_profile": "string",
    • "gpu_type": "PASS_THROUGH_GRAPHICS",
    • "gpu_vendor": "NVIDIA",
    • "guest_driver_version": "string",
    • "in_use": true,
    • "licenses": [
        • "string"],
    • "max_instances_per_vm": 0,
    • "max_resolution": "string",
    • "num_virtual_display_heads": 0,
    • "numa_node": 0,
    • "sddf": "string",
    • "vm_uuids": [
        • "string"]},
    • "id": "string",
    • "node_id": "string",
    • "node_uuid": "string",
    • "num_vgpus_allocated": 0,
    • "uuid": "string"}},
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}
`

```

## Get the list of GPUs for all physical Host.

Get the list of GPUs for all physical Host.

### query Parameters

||| | --- | --- | | count | integer Number of host GPUs to retrieve | | filter\_criteria | string Filter criteria | | sort\_criteria | string Sort criteria | | search\_string | string Search string |

### Responses

200

Successful operation

get/hosts/host\_gpus

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/hosts/host\\_gpus](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/host_gpus)



Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/host_gpu \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "cluster_name": "string",
      "cluster_uuid": "string",
      "gpu_config": {
        "assignable": true,
        "device_id": 0,
        "device_name": "string",
        "fraction": 0,
        "frame_buffer_size_bytes": 0,
        "gpu_mode": "UNUSED",
        "gpu_profile": "string",
        "gpu_type": "PASS_THROUGH_GRAPHICS",
        "gpu_vendor": "NVIDIA",
        "guest_driver_version": "string",
        "in_use": true,
        "licenses": [
          "string"
        ],
        "max_instances_per_vm": 0,
        "max_resolution": "string",
        "num_virtual_display_heads": 0,
        "numa_node": 0,
        "sddf": "string",
        "vm_uuids": [
          "string"
        ],
        "id": "string",
        "node_id": "string",
        "node_uuid": "string",
        "num_vgpu_allocated": 0,
        "uuid": "string"
      },
      "error_info": {
        "count": 0,
        "entity_list": [
          "string"
        ]
      }
    }
  ]
}
```

```
• "message": "string"},
• "metadata": {
• "count": 0,
• "end_index": 0,
• "filter_criteria": "string",
• "grand_total_entities": 0,
• "next_cursor": "string",
• "page": 0,
• "previous_cursor": "string",
• "search_string": "string",
• "sort_criteria": "string",
• "start_index": 0,
• "total_entities": 0}
}`
```

## Get the list of Physical Hosts.

Get the list of Physical Hosts configured in the cluster.

### query Parameters

||| | --- | --- || count | integer Number of Physical Hosts to retrieve || filter\_criteria | string Filter criteria || sort\_criteria | string Sort criteria || search\_string | string Search string || search\_attribute\_list | Array of strings Search attribute list || page | integer Page number || projection | string Projections on the attributes |

### Responses

#### 200

Successful operation

get/hosts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
• "entities": [
• {
• "acropolis_connection_state": "string",
```

- "alert\_summary": {
- "alert\_summaries": {
  - "property1": {
  - "entities": [
    - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
      - "entity\_name": null,
      - "entity\_type": null,
      - "entity\_type\_display\_name": null,
      - "id": null,
      - "uuid": null}},
    - "alert\_details": {
      - "metric\_details": [
        - null],
      - "severity\_trails": [
        - null]],
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
      - "string"],
    - "check\_id": "string",
    - "classifications": [
      - "string"],
    - "cluster\_uuid": "string",
    - "context\_types": [
      - "string"],
    - "context\_values": [
      - "string"],
    - "created\_time\_stamp\_in\_usecs": 0,
    - "detailed\_message": "string",
    - "entity\_ids": [
      - "string"],
    - "entity\_types": [
      - "string"],
    - "entity\_uuids": [
      - "string"],
    - "id": "string",
    - "impact": "string",
    - "impact\_types": [
      - "string"],
    - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
    - "message": "string",
    - "node\_uuid": "string",
    - "operation\_type": "string",
    - "originating\_cluster\_uuid": "string",
    - "possible\_causes": [
      - {
      - "actions": null,
      - "additional\_links": null,
      - "alert\_namespace": null,
      - "cause": null,
      - "chart\_queries": null,
      - "details": null,
      - "has\_global\_details": null,

- "id": null,
- "num\_resolved\_count": null,
- "parent\_cause\_id": null,
- "title": null,
- "troubleshooting\_steps": null}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
        - "entity\_name": null,
        - "entity\_type": null,
        - "entity\_type\_display\_name": null,
        - "id": null,
        - "uuid": null}},
      - "alert\_details": {
        - "metric\_details": [
          - null],
        - "severity\_trails": [
          - null]],
      - "alert\_title": "string",
      - "alert\_type\_uuid": "string",
      - "auto\_resolved": true,
      - "categories": [
        - "string"],
      - "check\_id": "string",
      - "classifications": [
        - "string"],
      - "cluster\_uuid": "string",
      - "context\_types": [
        - "string"],
      - "context\_values": [
        - "string"],

- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": null,
    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,
    - "details": null,
    - "has\_global\_details": null,
    - "id": null,
    - "num\_resolved\_count": null,
    - "parent\_cause\_id": null,
    - "title": null,
    - "troubleshooting\_steps": null}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
  - "count": 0},
  - "backplane\_address": [
    - {
      - "hostname": "string",
      - "inet\_address": {

- "empty": {
  - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "value": null},
- "value": {
  - "\$assertions\_disabled": true,
  - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "address\_cache\_init": true,
  - "cache\_lock": { },
  - "cache\_time": 0,
  - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "canonical\_host\_name": "string",
  - "fields\_offset": 0,
  - "holder": {
  - "address": 0,
  - "family": 0,
  - "host\_name": "string",
  - "original\_host\_name": "string"},
  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
  - "property1": null,
  - "property2": null},
  - "max\_cache\_time": 0,
  - "name\_services": [
  - { }],
  - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "prefer\_ipv6\_address": true,
  - "serial\_persistent\_fields": [
  - {
    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
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  - "unknown\_array": [

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- "controller\_vm\_backplane\_address": [
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- "value": {
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- "cache\_lock": { },
- "cache\_time": 0,
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- "original\_host\_name": "string"},
- "impl": { },
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- "max\_cache\_time": 0,
- "name\_services": [
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- "annotation": null,
- "annotation\_data": null,
- "annotation\_type": null,
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- "class\_value\_map": null,
- "enum": null,
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- "enum\_constants": null,
- "generic\_info": null,
- "initted": null,
- "name": null,
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- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
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- "boot\_disk": true,
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- "current\_firmware\_version": "string",
- "disk\_id": "string",
- "disk\_uuid": "string",
- "location": 0,
- "model": "string",
- "mount\_path": "string",
- "mounted": true,
- "only\_boot\_disk": true,
- "serial\_number": "string",
- "target\_firmware\_version": "string",
- "under\_diagnosis": true,
- "vendor": "string"},
- "property2": {
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- "boot\_disk": true,
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- "can\_add\_as\_old\_disk": true,

- "current\_firmware\_version": "string",
- "disk\_id": "string",
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- "location": 0,
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- "under\_diagnosis": true,
- "vendor": "string"}},
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- "checks\_in\_error": {
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- "message": null}},
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- {
- "entity\_name": null,
- "entity\_uuid": null,
- "message": null}}},
- "property2": {
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- "entity\_uuid": null,
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- "node\_level": [
- {
- "entity\_name": null,
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- "message": null}}}}},
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- "property1": 0,
- "property2": 0}},
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    - "ipv6": 0,
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    - "name\_services": [
    - { }],

- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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  - "enum\_constants": null,
  - "generic\_info": null,
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  - "name": null,
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- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
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- "hypervisor\_full\_name": "string",
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    - "cache\_lock": { },
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    - "fields\_offset": 0,
    - "holder": {
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    - "family": 0,
    - "host\_name": "string",
    - "original\_host\_name": "string"},
    - "impl": { },
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    - "ipv6": 0,
    - "lookup\_table": {
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    - "property2": null},
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- "enum": null,
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- "enum\_constants": null,
- "generic\_info": null,
- "initted": null,
- "name": null,
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- "array\_short\_index\_scale": 0,
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- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
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- "port": 0,
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- "subnet": "string",
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- "ipmi\_password": "string",
- "ipmi\_username": "string",
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- "is\_hardware\_virtualized": true,
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- "metadata\_store\_status\_message": "string",

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- "num\_cpu\_threads": 0,
- "num\_vms": 0,
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- "oplog\_disk\_size": 0,
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- "name": "string",
- "ordinal": 0,
- "physical\_position": "C"},
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- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
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- "ipv6": 0,
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- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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- "annotation": null,
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- "annotation\_type": null,
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- "class\_value\_map": null,
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- "enum\_constant\_directory": { },
- "enum\_constants": null,
- "generic\_info": null,
- "initted": null,
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- "reflection\_data": null,
- "reflection\_factory": null,
- "serial\_persistent\_fields": [ ],
- "synthetic": null,
- "use\_caches": null},
- "unshared": true}},
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- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
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- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
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- "subnet": "string",
- "subnet\_sep": "string"}],
- "rdma\_backplane\_ips": [
- "string"],
- "reboot\_pending": true,
- "removal\_status": [
- "NA"],
- "serial": "string",
- "service\_vmexternal\_address": [
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- "hostname": "string",
- "inet\_address": {
- "empty": {



- "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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  - "impl": { },
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  - { }],
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    - "reflection\_factory": null,
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    - "synthetic": null,
    - "use\_caches": null},
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- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}],
- "service\_vmexternal\_ip": "string",
- "service\_vmid": "string",
- "service\_vmnat\_ip": "string",
- "service\_vmnat\_port": 0,
- "state": "NEW",
- "stats": {
- "property1": "string",
- "property2": "string"},
- "usage\_stats": {
- "property1": "string",
- "property2": "string"},
- "uuid": "string",
- "vzone\_name": "string"}],
- "error\_info": {
- "count": 0,
- "entity\_list": [
  - "string"],
- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",

```
• "start_index": 0,  
• "total_entities": 0}  
  
}`
```

## Get the list of virtual GPU profiles for all physical Hosts.

Get the list of virtual GPU profiles for all physical Hosts.

### Responses

200

Successful operation

get/hosts/gpu\_profiles

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/gpu\_profiles

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/gpu_profiles \ --header 'Accept: application/json' \ --header  
'Content-Type: application/json' \  
  
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{  
  
• "entities": [  
• {  
•   "allocated_vm_uuids": [  
•     "string",  
•     "gpu_config": {  
•       "assignable": true,  
•       "device_id": 0,  
•       "device_name": "string",  
•       "fraction": 0,  
•       "frame_buffer_size_bytes": 0,  
•       "gpu_mode": "UNUSED",  
•       "gpu_profile": "string",  
•       "gpu_type": "PASS_THROUGH_GRAPHICS",  
•       "gpu_vendor": "NVIDIA",  
•       "guest_driver_version": "string",  
•       "in_use": true,  
•       "licenses": [  
•         "string",
```

- "max\_instances\_per\_vm": 0,
- "max\_resolution": "string",
- "num\_virtual\_display\_heads": 0,
- "numa\_node": 0,
- "sddf": "string",
- "vm\_uuids": [
  - "string"]}],
- "error\_info": {
- "count": 0,
- "entity\_list": [
  - "string"],
- "message": "string",
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

```
}`
```

## Get the stats for a specified Physical Host.

If start time and end time are included in the query string, then historical stats are retrieved. Otherwise, the latest stats are retrieved.

### path Parameters

|  |  |  |     |     |  |  |               |  |        |                         |  |
|--|--|--|-----|-----|--|--|---------------|--|--------|-------------------------|--|
|  |  |  | --- | --- |  |  | uuid required |  | string | Uuid of a Physical Host |  |
|--|--|--|-----|-----|--|--|---------------|--|--------|-------------------------|--|

### query Parameters

|  |  |  |     |     |  |  |                  |  |                  |                 |  |  |                     |  |         |                            |  |  |                   |  |         |                          |  |  |                  |  |         |                            |  |
|--|--|--|-----|-----|--|--|------------------|--|------------------|-----------------|--|--|---------------------|--|---------|----------------------------|--|--|-------------------|--|---------|--------------------------|--|--|------------------|--|---------|----------------------------|--|
|  |  |  | --- | --- |  |  | metrics required |  | Array of strings | List of metrics |  |  | start_time_in_usecs |  | integer | Start time in microseconds |  |  | end_time_in_usecs |  | integer | End time in microseconds |  |  | interval_in_secs |  | integer | Sampling interval of stats |  |
|--|--|--|-----|-----|--|--|------------------|--|------------------|-----------------|--|--|---------------------|--|---------|----------------------------|--|--|-------------------|--|---------|--------------------------|--|--|------------------|--|---------|----------------------------|--|

## Responses

### 200

Successful operation

get/hosts/{uuid}/stats

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/stats

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/stats \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "stats_specific_responses": [
    {
      "interval_in_secs": 0,
      "message": "string",
      "metric": "string",
      "start_time_in_usecs": 0,
      "successful": true,
      "values": [
        0]]
  ]
}
```

get/hosts/{uuid}/host\_nics/{pnid\_id}/getHostInterface

path Parameters

| | | | --- | --- | | uuid required | string Uuid of the Host | | pnid\_id required | string ID of Host Nic |

Responses

200

Successful operation

get/hosts/{uuid}/host\_nics/{pnid\_id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/host\_nics/{pnid\_id}

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/host_nics/{pnid_id} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "attached\_switch\_interface\_map": {
- "property1": [
  - {
  - "attached\_host\_id": "string",
  - "attached\_host\_nic\_ids": [
    - "string"],
  - "attached\_host\_nic\_uuids": [
    - "string"],
  - "attached\_host\_uuid": "string",
  - "description": "string",
  - "id": "string",
  - "index": 0,
  - "last\_change\_time": "string",
  - "mac\_address": "string",
  - "mtu\_in\_bytes": 0,
  - "name": "string",
  - "port\_num": "string",
  - "speed\_in\_kbps": 0,
  - "stats": {
    - "property1": "string",
    - "property2": "string"},
  - "switch\_id": "string",
  - "switch\_management\_address": "string",
  - "switch\_uuid": "string",
  - "type": "string",
  - "uuid": "string"}],
- "property2": [
  - {
  - "attached\_host\_id": "string",
  - "attached\_host\_nic\_ids": [
    - "string"],
  - "attached\_host\_nic\_uuids": [
    - "string"],
  - "attached\_host\_uuid": "string",
  - "description": "string",
  - "id": "string",
  - "index": 0,
  - "last\_change\_time": "string",
  - "mac\_address": "string",
  - "mtu\_in\_bytes": 0,
  - "name": "string",
  - "port\_num": "string",
  - "speed\_in\_kbps": 0,
  - "stats": {
    - "property1": "string",
    - "property2": "string"},
  - "switch\_id": "string",
  - "switch\_management\_address": "string",
  - "switch\_uuid": "string",
  - "type": "string",
  - "uuid": "string"}],
- "description": "string",
- "dhcp\_enabled": true,
- "discovery\_protocol": "string",
- "host\_id": "string",
- "id": "string",
- "ipv4\_addresses": [

```
• "string"],
• "ipv6_addresses": [
• "string"],
• "link_speed_in_kbps": 0,
• "mac_address": "string",
• "mtu_in_bytes": 0,
• "name": "string",
• "node_uuid": "string",
• "stats": {
• "property1": "string",
• "property2": "string"},
• "status": "string",
• "switch_device_id": "string",
• "switch_mac_address": "string",
• "switch_management_ip": "string",
• "switch_port_id": "string",
• "switch_vendor_info": "string",
• "switch_vlan_id": "string",
• "uuid": "string"
}`
```

## get/hosts/{uuid}/host\_nics/{pnic\_id}/stats/getHostInterfaceStats

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of the Host | | pnic\_id required | string ID of the Host Nic |

### query Parameters

| | | | --- | --- | | metrics required | Array of strings List of metrics | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | interval\_in\_secs | integer Sampling interval of stats |

### Responses

#### 200

Successful operation

get/hosts/{uuid}/host\_nics/{pnic\_id}/stats

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/host\_nics/{pnic\_id}/stats

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/host_nics/{pnic_id}/stats \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "stats_specific_responses": [
  • {
    • "interval_in_secs": 0,
    • "message": "string",
    • "metric": "string",
    • "start_time_in_usecs": 0,
    • "successful": true,
    • "values": [
      • 0]]
  }
}
```

**get/hosts/{uuid}/host\_nics/getHostInterfaces**

**path Parameters**

| | | | --- | --- | | uuid required | string Uuid of the Host |

**query Parameters**

| | | | --- | --- | | pnic\_id | string ID of Host Nic |

**Responses**

**200**

Successful operation

get/hosts/{uuid}/host\_nics

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/host\_nics

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/host_nics \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
  • {
  • "attached_switch_interface_map": {
```



- "property1": [
- {
  - "attached\_host\_id": "string",
  - "attached\_host\_nic\_ids": [
  - "string"],
  - "attached\_host\_nic\_uuids": [
  - "string"],
  - "attached\_host\_uuid": "string",
  - "description": "string",
  - "id": "string",
  - "index": 0,
  - "last\_change\_time": "string",
  - "mac\_address": "string",
  - "mtu\_in\_bytes": 0,
  - "name": "string",
  - "port\_num": "string",
  - "speed\_in\_kbps": 0,
  - "stats": {
  - "property1": "string",
  - "property2": "string"},
  - "switch\_id": "string",
  - "switch\_management\_address": "string",
  - "switch\_uuid": "string",
  - "type": "string",
  - "uuid": "string"}},
- "property2": [
- {
  - "attached\_host\_id": "string",
  - "attached\_host\_nic\_ids": [
  - "string"],
  - "attached\_host\_nic\_uuids": [
  - "string"],
  - "attached\_host\_uuid": "string",
  - "description": "string",
  - "id": "string",
  - "index": 0,
  - "last\_change\_time": "string",
  - "mac\_address": "string",
  - "mtu\_in\_bytes": 0,
  - "name": "string",
  - "port\_num": "string",
  - "speed\_in\_kbps": 0,
  - "stats": {
  - "property1": "string",
  - "property2": "string"},
  - "switch\_id": "string",
  - "switch\_management\_address": "string",
  - "switch\_uuid": "string",
  - "type": "string",
  - "uuid": "string"}},
- "description": "string",
- "dhcp\_enabled": true,
- "discovery\_protocol": "string",
- "host\_id": "string",
- "id": "string",
- "ipv4\_addresses": [
  - "string"],
- "ipv6\_addresses": [
  - "string"],

- "link\_speed\_in\_kbps": 0,
- "mac\_address": "string",
- "mtu\_in\_bytes": 0,
- "name": "string",
- "node\_uuid": "string",
- "stats": {
  - "property1": "string",
  - "property2": "string"},
- "status": "string",
- "switch\_device\_id": "string",
- "switch\_mac\_address": "string",
- "switch\_management\_ip": "string",
- "switch\_port\_id": "string",
- "switch\_vendor\_info": "string",
- "switch\_vlan\_id": "string",
- "uuid": "string"}

]

**get/hosts/{uuid}/virtual\_nics/{vnic\_id}/getHostVirtualInterface**

**path Parameters**

| | | | --- | --- | | uuid required | string Uuid of the Host | | vnic\_id required | string ID of Host Virtual Nic |

**Responses**

**200**

Successful operation

get/hosts/{uuid}/virtual\_nics/{vnic\_id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/virtual\_nics/{vnic\_id}

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/virtual_nics/{vnic_id} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
...
```
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
• "description": "string",
• "dhcp_enabled": true,
• "host_id": "string",
```

- "host\_nics": [
- {
  - "attached\_switch\_interface\_map": {
  - "property1": [
    - {
    - "attached\_host\_id": "string",
    - "attached\_host\_nic\_ids": [
      - "string"],
    - "attached\_host\_nic\_uuids": [
      - "string"],
    - "attached\_host\_uuid": "string",
    - "description": "string",
    - "id": "string",
    - "index": 0,
    - "last\_change\_time": "string",
    - "mac\_address": "string",
    - "mtu\_in\_bytes": 0,
    - "name": "string",
    - "port\_num": "string",
    - "speed\_in\_kbps": 0,
    - "stats": {
      - "property1": "string",
      - "property2": "string"},
    - "switch\_id": "string",
    - "switch\_management\_address": "string",
    - "switch\_uuid": "string",
    - "type": "string",
    - "uuid": "string"]},
  - "property2": [
    - {
    - "attached\_host\_id": "string",
    - "attached\_host\_nic\_ids": [
      - "string"],
    - "attached\_host\_nic\_uuids": [
      - "string"],
    - "attached\_host\_uuid": "string",
    - "description": "string",
    - "id": "string",
    - "index": 0,
    - "last\_change\_time": "string",
    - "mac\_address": "string",
    - "mtu\_in\_bytes": 0,
    - "name": "string",
    - "port\_num": "string",
    - "speed\_in\_kbps": 0,
    - "stats": {
      - "property1": "string",
      - "property2": "string"},
    - "switch\_id": "string",
    - "switch\_management\_address": "string",
    - "switch\_uuid": "string",
    - "type": "string",
    - "uuid": "string"]},
  - "description": "string",
  - "dhcp\_enabled": true,
  - "discovery\_protocol": "string",
  - "host\_id": "string",
  - "id": "string",
  - "ipv4\_addresses": [

```

    • "string"],
    • "ipv6_addresses": [
    • "string"],
    • "link_speed_in_kbps": 0,
    • "mac_address": "string",
    • "mtu_in_bytes": 0,
    • "name": "string",
    • "node_uuid": "string",
    • "stats": {
    • "property1": "string",
    • "property2": "string"},
    • "status": "string",
    • "switch_device_id": "string",
    • "switch_mac_address": "string",
    • "switch_management_ip": "string",
    • "switch_port_id": "string",
    • "switch_vendor_info": "string",
    • "switch_vlan_id": "string",
    • "uuid": "string"}],
  • "id": "string",
  • "ipv4_addresses": [
  • "string"],
  • "ipv6_addresses": [
  • "string"],
  • "link_speed_in_kbps": 0,
  • "mac_address": "string",
  • "mtu_in_bytes": 0,
  • "name": "string",
  • "node_uuid": "string",
  • "stats": {
  • "property1": "string",
  • "property2": "string"},
  • "status": "string",
  • "uuid": "string",
  • "vlan_id": 0
}
`

```

## get/hosts/{uuid}/virtual\_nics/{vnic\_id}/stats/getHostVirtualInterfaceStats

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of the Host | | vnic\_id required | string ID of the Host Virtual Nic |

### query Parameters

| | | | --- | --- | | metrics required | Array of strings List of metrics | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | interval\_in\_secs | integer Sampling interval of stats |

### Responses

#### 200

Successful operation

get/hosts/{uuid}/virtual\_nics/{vnic\_id}/stats

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/virtual\\_nics/{vnic\\_id}/stats](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/virtual_nics/{vnic_id}/stats)

### Request samples

- cURL
- Wget
- Python

- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/virtual_nics/{vnic_id}/stats \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "stats_specific_responses": [
    {
      "interval_in_secs": 0,
      "message": "string",
      "metric": "string",
      "start_time_in_usecs": 0,
      "successful": true,
      "values": [
        0
      ]
    }
  ]
}`
```

get/hosts/{uuid}/virtual\_nics/getHostVirtualInterfaces

path Parameters

| | | | --- | --- | | uuid required | string Uuid of the Host |

query Parameters

| | | | --- | --- | | vnic\_id | string ID of Host Virtual Nic |

Responses

200

Successful operation

get/hosts/{uuid}/virtual\_nics

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/virtual\_nics

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/virtual_nics \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
  {
    "description": "string",
    "dhcp_enabled": true,
    "host_id": "string",
    "host_nics": [
      {
        "attached_switch_interface_map": {
          "property1": [
            {
              "attached_host_id": "string",
              "attached_host_nic_ids": [
                "string",
              ],
              "attached_host_nic_uuids": [
                "string",
              ],
              "attached_host_uuid": "string",
              "description": "string",
              "id": "string",
              "index": 0,
              "last_change_time": "string",
              "mac_address": "string",
              "mtu_in_bytes": 0,
              "name": "string",
              "port_num": "string",
              "speed_in_kbps": 0,
              "stats": {
                "property1": "string",
                "property2": "string",
              },
              "switch_id": "string",
              "switch_management_address": "string",
              "switch_uuid": "string",
              "type": "string",
              "uuid": "string"
            },
          ],
          "property2": [
            {
              "attached_host_id": "string",
              "attached_host_nic_ids": [
                "string",
              ],
              "attached_host_nic_uuids": [
                "string",
              ],
              "attached_host_uuid": "string",
              "description": "string",
              "id": "string",
              "index": 0,
              "last_change_time": "string",
            },
          ],
        },
      },
    ],
  },
]
```

- "mac\_address": "string",
- "mtu\_in\_bytes": 0,
- "name": "string",
- "port\_num": "string",
- "speed\_in\_kbps": 0,
- "stats": {
- "property1": "string",
- "property2": "string"},
- "switch\_id": "string",
- "switch\_management\_address": "string",
- "switch\_uuid": "string",
- "type": "string",
- "uuid": "string"}}},
- "description": "string",
- "dhcp\_enabled": true,
- "discovery\_protocol": "string",
- "host\_id": "string",
- "id": "string",
- "ipv4\_addresses": [
  - "string"],
- "ipv6\_addresses": [
  - "string"],
- "link\_speed\_in\_kbps": 0,
- "mac\_address": "string",
- "mtu\_in\_bytes": 0,
- "name": "string",
- "node\_uuid": "string",
- "stats": {
  - "property1": "string",
  - "property2": "string"},
- "status": "string",
- "switch\_device\_id": "string",
- "switch\_mac\_address": "string",
- "switch\_management\_ip": "string",
- "switch\_port\_id": "string",
- "switch\_vendor\_info": "string",
- "switch\_vlan\_id": "string",
- "uuid": "string"}},
- "id": "string",
- "ipv4\_addresses": [
  - "string"],
- "ipv6\_addresses": [
  - "string"],
- "link\_speed\_in\_kbps": 0,
- "mac\_address": "string",
- "mtu\_in\_bytes": 0,
- "name": "string",
- "node\_uuid": "string",
- "stats": {
  - "property1": "string",
  - "property2": "string"},
- "status": "string",
- "uuid": "string",
- "vlan\_id": 0}

]

## get/hosts/failover\_cluster/getFailoverClusters

### Responses

200

Successful operation

get/hosts/failover\_cluster

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/failover\_cluster

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/failover_cluster \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[  
  
  • {  
  • "credential": {  
    • "logon_name": "string",  
    • "password": "string"},  
  • "ip_address": "string",  
  • "member_nodes": [  
    • "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],  
  • "name": "string",  
  • "node_to_remove": "string",  
  • "node_uuid_to_remove": "string",  
  • "node_uuids_to_add": [  
    • "string"],  
  • "nodes_to_add": [  
    • "string"]}]  
]
```

## post/hosts/{uuid}/detach\_node\_from\_metadata\_store/detachNodeFromMetadataStore

### path Parameters

| | | | --- | --- | | uuid required | string |

### Responses

200

Successful operation

post/hosts/{uuid}/detach\_node\_from\_metadata\_store



https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/detach\_node\_from\_metadata\_store

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/detach_node_from_metadata_store \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
`}
```

## post/hosts/{uuid}/enable\_metadata\_store/enableMetadataStore

### path Parameters

| | | | --- | --- | | uuid required | string |

### Responses

#### 200

Successful operation

post/hosts/{uuid}/enable\_metadata\_store

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/enable\_metadata\_store

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/enable_metadata_store \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

```
`{  
  
  • "value": true  
  
}`
```

**post/hosts/{uuid}/enable\_monitoring/setHostMonitoringStatus**

**path Parameters**

||| | --- | --- | | uuid required | string |

**Request Body schema: application/json**

||| | --- | --- | | value | boolean |

**Responses**

**200**

Successful operation

post/hosts/{uuid}/enable\_monitoring

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/enable\_monitoring

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/enable_monitoring \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": true }'
```

**Response samples**

- 200

Content type

application/json

Copy

```
`{  
  
  • "value": true  
  
}`
```

**post/hosts/failover\_cluster/configureFailoverCluster**

**Request Body schema: application/json**

||| | --- | --- | | credential | object (create.dto.hyperv.CredentialDTO) | | ip\_address | string | | member\_nodes | Array of objects (create.dto.appliance.configuration.NodeDTO) | | name | string | | node\_to\_remove | string | | node\_uuid\_to\_remove | string | | node\_uuids\_to\_add | Array of strings | | nodes\_to\_add | Array of strings |

**Responses**

## Successful operation

post/hosts/failover\_cluster

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/failover\_cluster

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

## Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/failover_cluster \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "credential": { "logon_name":
"string", "password": "string" }, "ip_address": "string", "member_nodes": [ { "acropolis_connection_state": "string",
"alert_summary": { "alert_summaries": { "property1": { "entities": [ { "acknowledged": true,
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"metric_display_name": "string", "metric_name": "string", "metric_value_details": [ { "metric_threshold_value":
"string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ] }, "unit": "string" } ] }, "severity_trails":
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"string", "auto_resolved": true, "categories": [ "string" ], "check_id": "string", "classifications": [ "string" ],
"cluster_uuid": "string", "context_types": [ "string" ], "context_values": [ "string" ], "created_time_stamp_in_usecs":
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], "id": "string", "impact": "string", "impact_types": [ "string" ], "last_occurrence_time_stamp_in_usecs": 0,
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"possible_causes": [ { "actions": "string", "additional_links": "string", "alert_namespace": "string", "cause":
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"previous_cursor": "string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities":
0 } }, "details": "string", "has_global_details": true, "id": "string", "num_resolved_count": 0, "parent_cause_id":
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"string", "uuid": "string" } ] }, "alert_details": { "metric_details": [ { "comparison_operator": "string",
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"metric_threshold_value": "string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ] }, "unit":
"string" } ] }, "severity_trails": [ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] },
"alert_title": "string", "alert_type_uuid": "string", "auto_resolved": true, "categories": [ "string" ], "check_id":
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"originating_cluster_uuid": "string", "possible_causes": [ { "actions": "string", "additional_links": "string",
"alert_namespace": "string", "cause": "string", "chart_queries": { "entities": [ { "actions": "string", "alerts":
"string", "cadmus": "string", "entities": "string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [
```

```
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for more information.", "name": "string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API
contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
```

```
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```

```
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"array_long_base_offset": 0, "array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0,
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a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." } }
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"array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0, "array_short_base_offset":
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Refer to the spec file that can be downloaded from the documentation for more information." } } }, "ipv4": "string",
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```

```
"property1": "string", "property2": "string" }, "uuid": "string", "vzone_name": "string" } ], "name": "string",
"node_to_remove": "string", "node_uuid_to_remove": "string", "node_uuids_to_add": [ "string" ], "nodes_to_add": [
"string" ] }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
• "node_specific_status": [
• {
• "message": "string",
• "node_id": "string",
• "node_uuid": "string",
• "reboot_initiated": true,
• "successful": true}}
}`
```

post/hosts/join\_domain/joinNodesToDomain

Request Body schema: application/json

||| |---| ---|| credential | object (create.dto.hyperv.CredentialDTO) || domain\_descriptor | object (create.dto.hyperv.DomainDescriptorDTO) || force | boolean ||
node\_descriptors | Array of objects (create.dto.hyperv.HypervNodeDescriptorDTO) || node\_name\_prefix | string || restart | boolean |

Responses

200

Successful operation

post/hosts/join\_domain

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/join\_domain

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/join_domain \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "credential": { "logon_name":
"string", "password": "string" }, "domain_descriptor": { "domain_name": "string", "name_prefix": "string",
"name_server": "string", "ou_path": "string" }, "force": true, "node_descriptors": [ { "name": "string", "node_id":
"string", "node_uuid": "string" } ], "node_name_prefix": "string", "restart": true }'
```

Response samples

- 200

Content type

application/json



Copy

Expand all Collapse all

```
`{
  • "node_specific_status": [
  • {
    • "message": "string",
    • "node_id": "string",
    • "node_uuid": "string",
    • "reboot_initiated": true,
    • "successful": true}}
}
```

post/hosts/restart/restartNodes

Request Body schema: application/json

||| | --- | --- || delay\_secs | integer || node\_ids | Array of strings || node\_uuids | Array of strings |

Responses

200

Successful operation

post/hosts/restart

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/restart

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/restart \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "delay_secs": 0, "node_ids": [ "string" ], "node_uuids": [ "string" ] }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "node_specific_status": [
  • {
    • "message": "string",
    • "node_id": "string",
    • "node_uuid": "string",
    • "reboot_initiated": true,
    • "successful": true}}
}
```

}`

post/hosts/set\_default\_vm\_vhd\_location/setDefaultVmVhdLocation

Request Body schema: application/json

||| | --- | --- || container\_for\_vhd\_files | string || container\_for\_vm\_config\_files | string || node\_ids | Array of strings || node\_uuids | Array of strings |

Responses

200

Successful operation

post/hosts/set\_default\_vm\_vhd\_location

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/set\_default\_vm\_vhd\_location

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

curl --request POST \ --url https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/set\_default\_vm\_vhd\_location \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "container\_for\_vhd\_files": "string", "container\_for\_vm\_config\_files": "string", "node\_ids": [ "string" ], "node\_uuids": [ "string" ] }'

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "node\_specific\_status": [
- {
  - "message": "string",
  - "node\_id": "string",
  - "node\_uuid": "string",
  - "reboot\_initiated": true,
  - "successful": true}}

}`

post/hosts/unjoin\_domain/unjoinNodeFromDomain

Request Body schema: application/json

||| | --- | --- || credential | object (create.dto.hyperv.CredentialDTO) || domain\_descriptor | object (create.dto.hyperv.DomainDescriptorDTO) || force | boolean || node\_descriptors | Array of objects (create.dto.hyperv.HypervNodeDescriptorDTO) || node\_name\_prefix | string || restart | boolean |

Responses

200

Successful operation

post/hosts/unjoin\_domain

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/unjoin\_domain

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/unjoin_domain \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "credential": { "logon_name": "string", "password": "string" }, "domain_descriptor": { "domain_name": "string", "name_prefix": "string", "name_server": "string", "ou_path": "string" }, "force": true, "node_descriptors": [ { "name": "string", "node_id": "string", "node_uuid": "string" } ], "node_name_prefix": "string", "restart": true }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "node_specific_status": [
    {
      "message": "string",
      "node_id": "string",
      "node_uuid": "string",
      "reboot_initiated": true,
      "successful": true
    }
  ]
}
```

Pull a host out of maintenance mode or abort a prior attempt.

Pull a host out of maintenance mode or abort a prior attempt to enter maintenance mode even if the attempt is ongoing. This is a synchronous idempotent operation. If the host is no longer in maintenance mode, this command has no effect. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the host logical timestamp. The logical timestamp can be obtained from the host object.

path Parameters

||| |---|---|| uuid required | string UUID of host to pull out of maintenance mode |

Request Body schema: application/json

Logical timestamp associated with host object

||| |---|---|| logical\_timestamp | integer |

Responses

200

Successful operation

post/hosts/{uuid}/exit\_maintenance\_mode

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/exit\_maintenance\_mode

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/exit_maintenance_mode \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "logical_timestamp": 0 }'
```

Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

Put a host in maintenance mode.

Put a host in maintenance mode. It can be specified if Virtual Machines currently running on the host need to be powered off, live migrated or cold migrated. The host will be marked as unschedulable, so that no new Virtual Machines can be instantiated on it. Subsequently, an attempt is made to evacuate VMs from the host. If the evacuation attempt fails (e.g., because there are insufficient resources available elsewhere in the cluster), the host will remain in the entering maintenance mode state, where it is marked unschedulable, waiting for user remediation. This operation is idempotent and can be run again with different options like powering off the Virtual Machines, live or cold migrating them. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

path Parameters

||| --- | --- || uuid required | string UUID of host to put in maintenance mode |

Request Body schema: application/json required

Maintenance mode options

||| --- | --- || evacuation\_option | string Enum: "POWER\_OFF" "COLD\_MIGRATE" "LIVE\_MIGRATE" || logical\_timestamp | integer || non\_migratable\_vm\_option | string Enum: "BLOCK" "ACPI\_SHUTDOWN\_AND\_POWER\_OFF" |

Responses

200

Successful operation

post/hosts/{uuid}/enter\_maintenance\_mode

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/enter\_maintenance\_mode

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts/{uuid}/enter_maintenance_mode \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "evacuation_option":
"POWER_OFF", "logical_timestamp": 0, "non_migratable_vm_option": "BLOCK" }'
```

Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

put/hosts/editHost

Request Body schema: application/json

```
||| --- | --- || acropolis_connection_state | string || alert_summary | object (update.dto.alerts.AlertSummaryDTO) || backplane_address | Array of objects
(update.common.Address) || backplane_ip | string || bios_model | string || bios_version | string || block_location | string || block_model | string ||
block_model_name | string || block_serial | string || bmc_model | string || bmc_version | string || boot_time_in_usecs | integer || cluster_uuid | string ||
controller_vm_backplane_address | Array of objects (update.common.Address) || controller_vm_backplane_ip | string || cpu_capacity_in_hz | integer ||
cpu_frequency_in_hz | integer || cpu_model | string || default_vhd_container_id | string || default_vhd_container_uuid | string || default_vhd_location | string ||
default_vhd_storage_container_id | string || default_vhd_storage_container_uuid | string || default_vm_container_id | string || default_vm_container_uuid | string
|| default_vm_location | string || default_vm_storage_container_id | string || default_vm_storage_container_uuid | string || disk_hardware_configs | object ||
dynamic_ring_changing_node | string (circular.reference.handler) Default: "This API contains a circular reference, Refer to the spec file that can be downloaded
from the documentation for more information." || failover_cluster_fqdn | string || failover_cluster_node_state | string || gpu_driver_version | string || has_csr |
boolean || hba_firmwares_list | Array of objects (update.dto.appliance.configuration.NodeDTO_HbaFirmware) || health_summary | object
(update.dto.health.check.HealthSummaryDTO) || host_gpus | Array of strings || host_in_maintenance_mode | boolean || host_maintenance_mode_reason |
string || host_nic_ids | Array of strings || host_type | string Enum: "HYPER_CONVERGED" "COMPUTE_ONLY" || hypervisor_address | string ||
hypervisor_address_value | Array of objects (update.common.Address) || hypervisor_full_name | string || hypervisor_key | string || hypervisor_password | string
|| hypervisor_state | string || hypervisor_type | string || hypervisor_username | string || ipmi_address | string || ipmi_address_value | Array of objects
(update.common.Address) || ipmi_password | string || ipmi_username | string || is_degraded | boolean || is_hardware_virtualized | boolean || is_secure_booted
| boolean || key_management_device_to_certificate_status | object || management_server_name | string || memory_capacity_in_bytes | integer ||
metadata_store_status | string || metadata_store_status_message | string || monitored | boolean || name | string || num_cpu_cores | integer ||
num_cpu_sockets | integer || num_cpu_threads | integer || num_vms | integer || oplog_disk_pct | number || oplog_disk_size | integer || position | object
(update.dto.appliance.configuration.NodePositionDTO) || rdma_backplane_address_list | Array of objects (update.common.Address) || rdma_backplane_ips |
Array of strings || reboot_pending | boolean || removal_status | Array of strings Items Enum: "NA" "AWAITING_CONFIG_DATA_MIGRATION"
"AWAITING_DATA_MIGRATION" "AWAITING_HOST_EVACUATION" "AWAITING_CLUSTER_RESTART" "AWAITING_MASTER_KEY_MIGRATION" || serial |
string || service_vmexternal_address | Array of objects (update.common.Address) || service_vmexternal_ip | string || service_vmid | string || service_vmnat_ip |
string || service_vmnat_port | integer || state | string Enum: "NEW" "NORMAL" "MARKED_FOR_REMOVAL_BUT_NOT_DETACHABLE" "DETACHABLE" ||
stats | object || usage_stats | object || uuid | string || vzone_name | string |
```

Responses

200

Successful operation

put/hosts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/hosts

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/hosts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "acropolis_connection_state": "string", "alert_summary": { "alert_summaries": { "property1": { "entities": [ { "acknowledged": true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0, "affected_entities": [ { "entity_name": "string", "entity_type": "string", "entity_type_display_name": "string", "id": "string", "uuid": "string" } ], "alert_details": { "metric_details": [ { "comparison_operator": "string", "condition_type": "STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string", "entity_type": "string", "metric_category": "string", "metric_display_name": "string", "metric_name": "string", "metric_value_details": [ { "metric_threshold_value": "string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ], "unit": "string" } ], "severity_trails": [ { 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```



```
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```

```

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"property1": "string", "property2": "string" }, "uuid": "string", "vzone_name": "string" }'

```

## Response samples

- 200

Content type

application/json

Copy

```

{
  • "value": true
}

```

/http\_proxies

## Add an HTTP Proxy.

Add an HTTP Proxy to the cluster.

### Request Body schema: application/json required

An HTTP Proxy instance

||| --- | --- || address | string || address\_value | object (create.common.Address) || name | string || password | string || port | integer [ 0 .. 65536 ] || proxy\_types | Array of strings Items Enum: "HTTP" "HTTPS" "SOCKS" || username | string |

### Responses

#### 200

Successful operation

post/http\_proxies

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/http\_proxies

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

#### Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/http_proxies \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "address": "string", "address_value": { "hostname": "string", "inet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "value": null }, "value": { "$assertions_disabled": true, "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "address_cache_init": true, "cache_lock": {}, "cache_time": 0, "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "canonical_host_name": "string", "fields_offset": 0, "holder": { "address": 0, "family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup_table": { "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ], "negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "name": "string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "annotation": 0, "annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": { "property1": {}, "property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "cached_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": { "property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "super_interfaces": [ {} ], "superclass": {} }, "initted": true, "name": "string", "new_instance_caller_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "reflection_data": { "clock": 0, "timestamp": 0 }, "reflection_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ], "unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "unsafe": { "address_size": 0, "array_boolean_base_offset": 0, "array_boolean_index_scale": 0, "array_byte_base_offset": 0, "array_byte_index_scale": 0, "array_char_base_offset": 0, "array_char_index_scale": 0, "array_double_base_offset": 0, "array_double_index_scale": 0, "array_float_base_offset": 0, "array_float_index_scale": 0, "array_int_base_offset": 0, "array_int_index_scale": 0, "array_long_base_offset": 0, "array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0, "array_short_base_offset": 0, "array_short_index_scale": 0, "invalid_field_offset": 0, "the_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." } } }, "ipv4": "string",
```

```
"ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string", "subnet": "string",
"subnet_sep": "string" }, "name": "string", "password": "string", "port": 0, "proxy_types": [ "string" ], "username":
"string" }'
```

## Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
}`
```

## Delete an HTTP Proxy.

Delete an HTTP Proxy with the specified name.

### path Parameters

||| | --- | --- || name required | string Name of an HTTP Proxy |

## Responses

### 200

Successful operation

delete/http\_proxies/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/http\_proxies/{name}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/http_proxies/{name} \ --header 'Accept: application/json' \ --header
'Content-Type: application/json' \
```
```

## Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
}`
```

## Get an HTTP Proxy.

Get an HTTP Proxy with the specified name.

## path Parameters

|  |     |     |               |        |                       |
|--|-----|-----|---------------|--------|-----------------------|
|  | --- | --- | name required | string | Name of an HTTP Proxy |
|--|-----|-----|---------------|--------|-----------------------|

## Responses

## 200

Successful operation

```
get/http_proxies/{name}
```

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/http\_proxies/{name}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request GET --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/http_proxies/{name} \
--header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```

...

## Response samples

- 200

Content type

```
application/json
```

Copy

Expand all Collapse all

 $\}$ 

- "address": "string",
- "address\_value": {
- "hostname": "string",
- "inet\_address": {
  - "empty": {
  - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "value": null},
  - "value": {
  - "\$assertions\_disabled": true,
  - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "address\_cache\_init": true,
  - "cache\_lock": { },
  - "cache\_time": 0,
  - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "canonical\_host\_name": "string",
  - "fields\_offset": 0,
  - "holder": {
    - "address": 0,
    - "family": 0,
    - "host\_name": "string",
    - "original\_host\_name": "string"},

- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
  - "property1": null,
  - "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
  - { }},
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
  - {
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    - "offset": 0,
    - "signature": "string",
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      - "annotation": 0,
      - "annotation\_data": {
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        - "property2": { }},
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          - "property2": { }},
          - "redefined\_count": 0},
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          - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "enum": 0,
          - "enum\_constant\_directory": {
          - "property1": null,
          - "property2": null},
          - "enum\_constants": null,
          - "generic\_info": {
          - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "super\_interfaces": [
            - { }},
            - "superclass": { }},
            - "initted": true,
            - "name": "string",
            - "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
            - "reflection\_data": {
            - "clock": 0,
            - "timestamp": 0},
            - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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  - "array\_int\_base\_offset": 0,
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  - "array\_long\_base\_offset": 0,
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  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"),
  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
  - "subnet\_sep": "string"},
  - "name": "string",
  - "password": "string",
  - "port": 65536,
  - "proxy\_types": [
    - "HTTP"],
  - "username": "string"

}`

## Get the list of HTTP Proxies.

Get the list of HTTP Proxies configured in the cluster.

### Responses

#### 200

Successful operation

get/http\_proxies

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/http\\_proxies](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/http_proxies)

### Request samples

- cURL
- Wget
- Python
- Go
- Java

- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/http_proxies \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "entities": [
  • {
    • "address": "string",
    • "address_value": {
    • "hostname": "string",
    • "inet_address": {
      • "empty": {
      • "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "value": null},
      • "value": {
      • "$assertions_disabled": true,
      • "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "address_cache_init": true,
      • "cache_lock": { },
      • "cache_time": 0,
      • "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "canonical_host_name": "string",
      • "fields_offset": 0,
      • "holder": {
        • "address": 0,
        • "family": 0,
        • "host_name": "string",
        • "original_host_name": "string"},
      • "impl": { },
      • "ipv4": 0,
      • "ipv6": 0,
      • "lookup_table": {
        • "property1": null,
        • "property2": null},
      • "max_cache_time": 0,
      • "name_services": [
        • { }],
      • "negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "prefer_ipv6_address": true,
      • "serial_persistent_fields": [
        • {
        • "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        • "name": "string",
        • "offset": 0,
        • "signature": "string",
```



- "type": {
  - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "annotation": 0,
  - "annotation\_data": {
  - "annotations": { },
  - "declared\_annotations": { },
  - "redefined\_count": null},
  - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "class\_redefined\_count": 0,
  - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "enum": 0,
  - "enum\_constant\_directory": {
  - "property1": null,
  - "property2": null},
  - "enum\_constants": null,
  - "generic\_info": {
  - "none": null,
  - "super\_interfaces": [ ],
  - "superclass": null},
  - "initted": true,
  - "name": "string",
  - "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "reflection\_data": {
  - "clock": null,
  - "timestamp": null},
  - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "serial\_persistent\_fields": [
  - null],
  - "synthetic": 0,
  - "use\_caches": true},
  - "unshared": true}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,

- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
  - "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "name": "string",
- "password": "string",
- "port": 65536,
- "proxy\_types": [
  - "HTTP"],
- "username": "string"}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}

## Modify an HTTP Proxy.

Modify the specified HTTP Proxy.

### Request Body schema: application/json required

An HTTP Proxy instance

||| --- | --- | | cluster\_uuid | string | | generic\_dto | object (patch.dto.appliance.configuration.HttpProxyDTO) http-proxy | | operation | string |

### Responses

#### 200

Successful operation

patch/http\_proxies

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/http\\_proxies](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/http_proxies)

### Request samples

- cURL
- Wget
- Python
- Go
- Java

- JavaScript

Copy

```
curl --request PATCH \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/http_proxies \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid": "string", "generic_dto": { "address": "string", "address_value": { "hostname": "string", "inet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "value": null }, "value": { "$assertions_disabled": true, "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "address_cache_init": true, "cache_lock": {}, "cache_time": 0, "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "canonical_host_name": "string", "fields_offset": 0, "holder": { "address": 0, "family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup_table": { "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ], "negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "name": "string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "annotation": 0, "annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": { "property1": {}, "property2": {} }, "redefined_count": 0, "annotation_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "cached_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": { "property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "super_interfaces": [ {} ], "superclass": {} }, "initted": true, "name": "string", "new_instance_caller_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "reflection_data": { "clock": 0, "timestamp": 0 }, "reflection_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ], "unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "unsafe": { "address_size": 0, "array_boolean_base_offset": 0, "array_boolean_index_scale": 0, "array_byte_base_offset": 0, "array_byte_index_scale": 0, "array_char_base_offset": 0, "array_char_index_scale": 0, "array_double_base_offset": 0, "array_double_index_scale": 0, "array_float_base_offset": 0, "array_float_index_scale": 0, "array_int_base_offset": 0, "array_int_index_scale": 0, "array_long_base_offset": 0, "array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0, "array_short_base_offset": 0, "array_short_index_scale": 0, "invalid_field_offset": 0, "the_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." } }, "ipv4": "string", "ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string", "subnet": "string", "subnet_sep": "string" }, "name": "string", "password": "string", "port": 0, "proxy_types": [ "string" ], "username": "string" }, "operation": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  • "value": true
}
```

## Update an HTTP Proxy.

Update the specified HTTP Proxy.

**Request Body schema: application/json required**

An HTTP Proxy instance

||| --- | --- || address | string || address\_value | object (update.common.Address) || name | string || password | string || port | integer [ 0 .. 65536 ] || proxy\_types | Array of strings Items Enum: "HTTP" "HTTPS" "SOCKS" || username | string |

## Responses

200

Successful operation

put/http\_proxies

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/http\\_proxies](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/http_proxies)

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/http_proxies \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "address": "string", "address_value": { "hostname": "string", "inet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "value": null }, "value": { "$assertions_disabled": true, "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "address_cache_init": true, "cache_lock": {}, "cache_time": 0, "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "canonical_host_name": "string", "fields_offset": 0, "holder": { "address": 0, "family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup_table": { "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ], "negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "name": "string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "annotation": 0, "annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": { "property1": {}, "property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "cached_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": { "property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "super_interfaces": [ {} ], "superclass": {} }, "initited": true, "name": "string", "new_instance_caller_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "reflection_data": { "clock": 0, "timestamp": 0 }, "reflection_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ], "unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "unsafe": { "address_size": 0, "array_boolean_base_offset": 0, "array_boolean_index_scale": 0, "array_byte_base_offset": 0, "array_byte_index_scale": 0, "array_char_base_offset": 0, "array_char_index_scale": 0, "array_double_base_offset": 0, "array_double_index_scale": 0, "array_float_base_offset": 0, "array_float_index_scale": 0, "array_int_base_offset": 0, "array_int_index_scale": 0, "array_long_base_offset": 0, "array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0, "array_short_base_offset": 0, "array_short_index_scale": 0, "invalid_field_offset": 0, "the_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." } } }, "ipv4": "string", "ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string", "subnet": "string", "subnet_sep": "string" }, "name": "string", "password": "string", "port": 0, "proxy_types": [ "string" ], "username": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

```
`{  
  
• "value": true  
  
}`
```

## /images

### Create a Disk Image.

Create a Image with specified configuration. There are two modes of creation, one mode you either provide some source (URL, vmdisk, or uploaded file) or you just create the metadata for the image. If a UUID is specified for the Image, this operation will be idempotent. This is an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

**Request Body schema: application/json required**

Image Creation Specs

```
||| |--- |--- || annotation | string || image_import_spec | object (create.dto.acropolis.ImageImportSpecDTO) || image_type | string Enum: "DISK_IMAGE"  
"ISO_IMAGE" || logical_timestamp | integer || name | string || uuid | string || vm_disk_clone | object (create.dto.acropolis.VMDiskSpecCloneDTO) ||  
vm_disk_clone_spec | object (create.dto.uhura.VmDiskCloneDTO) |
```

### Responses

200

Successful operation

post/images

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/images

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/images \ --header 'Accept:  
application/json' \ --header 'Content-Type: application/json' \ --data '{ "annotation": "string", "image_import_spec":  
{ "checksum": "string", "checksum_type": "SHA_256", "container_id": 0, "container_name": "string", "container_uuid":  
"string", "storage_container_id": 0, "storage_container_name": "string", "storage_container_uuid": "string", "url":  
"string" }, "image_type": "DISK_IMAGE", "logical_timestamp": 0, "name": "string", "uuid": "string", "vm_disk_clone": {  
"container_uuid": "string", "image_path": "string", "minimum_size": 0, "minimum_size_mb": 0, "ndfs_filepath": "string",  
"snapshot_group_id": "string", "vm_disk_uuid": "string", "vmdisk_uuid": "string" }, "vm_disk_clone_spec": {  
"disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom":  
true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "minimum_size": 0,  
"snapshot_group_uuid": "string", "storage_container_uuid": "string" } }'
```

### Response samples

- 200

Content type

application/json

Copy

```
`{  
  
• "task_uuid": "string"
```

```
}`
```

## Delete a Disk Image.

Delete a Disk Image. This is an idempotent operation. The logical timestamp can optionally be provided for consistency. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the Image logical timestamp. The logical timestamp can be obtained from the Image Info object. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

### path Parameters

||| | --- | --- || uuid required | string Id of the Image |

### query Parameters

||| | --- | --- || logical\_timestamp | integer Logical timestamp for synchronized delete |

## Responses

### 200

Successful operation

delete/images/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/images/{uuid}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/images/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

## Response samples

- 200

Content type

application/json

Copy

```
`{
  • "task_uuid": "string"
}`
```

## Get details of a specific Image based on the given Id.

Get details of a specific Disk Image based on the given Id.

### path Parameters

||| | --- | --- || uuid required | string Id of the Image |

### query Parameters

||| | --- | --- || include\_vm\_disk\_sizes | boolean Include VmDisk size || include\_vm\_disk\_paths | boolean Include VmDisk path |

Responses

200

Successful operation

get/images/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/images/{uuid}

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/images/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

```
`{
  • "annotation": "string",
  • "checksum": "string",
  • "checksum_type": "SHA_256",
  • "container_id": 0,
  • "container_uuid": "string",
  • "created_time_in_usecs": 0,
  • "deleted": true,
  • "image_state": "ACTIVE",
  • "image_type": "DISK_IMAGE",
  • "logical_timestamp": 0,
  • "name": "string",
  • "storage_container_id": 0,
  • "storage_container_uuid": "string",
  • "updated_time_in_usecs": 0,
  • "uuid": "string",
  • "vm_disk_id": "string",
  • "vm_disk_path": "string",
  • "vm_disk_size": 0
}
```

Get the list of Disk Images.

Get the list of Images

query Parameters

||| --- | --- || include\_vm\_disk\_sizes | boolean Include VmDisk sizes || include\_vm\_disk\_paths | boolean Include VmDisk paths |

Responses

200

Successful operation

get/images

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/images

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/images \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "annotation": "string",
      "checksum": "string",
      "checksum_type": "SHA_256",
      "container_id": 0,
      "container_uuid": "string",
      "created_time_in_usecs": 0,
      "deleted": true,
      "image_state": "ACTIVE",
      "image_type": "DISK_IMAGE",
      "logical_timestamp": 0,
      "name": "string",
      "storage_container_id": 0,
      "storage_container_uuid": "string",
      "updated_time_in_usecs": 0,
      "uuid": "string",
      "vm_disk_id": "string",
      "vm_disk_path": "string",
      "vm_disk_size": 0}],
    "error_info": {
      "count": 0,
      "entity_list": [
        "string"],
      "message": "string",
      "metadata": {
```



- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

```
}`
```

## Update a Disk Image.

Update a Disk Image. Fields that are not set or are not specified are ignored. If an Image is already in ACTIVE state then its source can be updated. But you can still update the image name, image type and image annotation. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the Image logical timestamp. The logical timestamp can be obtained from the Image object.

### path Parameters

```
||| |---|---| | uuid required | string Id of the Disk Image |
```

### Request Body schema: application/json required

#### Disk Image Update Info

```
||| |---|---| | annotation | string | | image_import_spec | object (update.dto.acropolis.ImageImportSpecDTO) | | image_type | string Enum: "DISK_IMAGE"
"ISO_IMAGE" | | logical_timestamp | integer | | name | string | | uuid | string | | vm_disk_clone | object (update.dto.acropolis.VMDiskSpecCloneDTO) | |
vm_disk_clone_spec | object (update.dto.uhura.VmDiskCloneDTO) |
```

### Responses

#### 200

Successful operation

```
put/images/{uuid}
```

```
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/images/{uuid}
```

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

#### Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/images/{uuid} \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \ --data '{ "annotation": "string", "image_import_spec":
{ "checksum": "string", "checksum_type": "SHA_256", "container_id": 0, "container_name": "string", "container_uuid":
"string", "storage_container_id": 0, "storage_container_name": "string", "storage_container_uuid": "string", "url":
"string" }, "image_type": "DISK_IMAGE", "logical_timestamp": 0, "name": "string", "uuid": "string", "vm_disk_clone": {
"container_uuid": "string", "image_path": "string", "minimum_size": 0, "minimum_size_mb": 0, "ndfs_filepath": "string",
"snapshot_group_id": "string", "vm_disk_uuid": "string", "vmdisk_uuid": "string" }, "vm_disk_clone_spec": {
"disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom":
true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "minimum_size": 0,
"snapshot_group_uuid": "string", "storage_container_uuid": "string" } }'
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
  • "task_uuid": "string"
}`
```

/iscsi\_clients

Modify an existing Iscsi Client configuration

path Parameters

||| |---|---|| uuid required | string UUID of the Iscsi client |

Request Body schema: application/json required

Update Iscsi client

||| |---|---|| client\_address | string | | enabled\_authentications | Array of objects (update.dto.acropolis.volumegroups.ClientAuthenticationDTO) | | uuid | string |

Responses

200

Successful operation

500

Any internal exception while performing this operation

put/iscsi\_clients/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/iscsi\_clients/{uuid}

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/iscsi_clients/{uuid} \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "client_address": "string",
"enabled_authentications": [ { "auth_type": "CHAP", "password": "string" } ], "uuid": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "client_address": "string",
  • "enabled_authentications": [
```

```
• {
  • "auth_type": "CHAP",
  • "password": "string"}],
• "uuid": "string"
}
```

## Retrieve Iscsi Client configuration

### Responses

#### 200

Successful operation

get/iscsi\_clients

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/iscsi\_clients

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/iscsi_clients \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "entities": [
  • {
    • "client_address": "string",
    • "enabled_authentications": [
    • {
      • "auth_type": "CHAP",
      • "password": "string"}],
    • "uuid": "string"}],
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
```

```
• "next_cursor": "string",
• "page": 0,
• "previous_cursor": "string",
• "search_string": "string",
• "sort_criteria": "string",
• "start_index": 0,
• "total_entities": 0}

}`
```

## Retrieve Iscsi Client configuration

### path Parameters

| | | | --- | --- | | uuid required | string Unique identifier for the iscsi client |

### Responses

200

Successful operation

get/iscsi\_clients/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/iscsi\_clients/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/iscsi_clients/{uuid} \ --header 'Accept: application/json' \ --header
'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
• "client_address": "string",
• "enabled_authentications": [
• {
• "auth_type": "CHAP",
• "password": "string"}],
• "uuid": "string"
}`
```

## /key\_management\_servers

Add a Key Management Server.

Add a Key Management Server to the cluster.

## Request Body schema: application/json required

A Key Management Server instance

|||| --- | --- || active | boolean || address\_list | Array of objects (create.common.Address) || ip\_address\_port\_map | object || name | string || uuid | string |

## Responses

### 200

Successful operation

### 500

Any internal exception while performing this operation

post/key\_management\_servers

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/key\_management\_servers

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

## Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/key_management_servers \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "active": true, "address_list": [ { "hostname": "string", "inet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "value": null }, "value": { "$assertions_disabled": true, "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "address_cache_init": true, "cache_lock": {}, "cache_time": 0, "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "canonical_host_name": "string", "fields_offset": 0, "holder": { "address": 0, "family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup_table": { "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ] , "negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "name": "string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "annotation": 0, "annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": { "property1": {}, "property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "cached_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": { "property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "super_interfaces": [ {} ] , "superclass": {} }, "initited": true, "name": "string", "new_instance_caller_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "reflection_data": { "clock": 0, "timestamp": 0 }, "reflection_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.", "serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ], "unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "unsafe": { "address_size": 0, "array_boolean_base_offset": 0, "array_boolean_index_scale": 0, "array_byte_base_offset": 0, "array_byte_index_scale": 0, "array_char_base_offset": 0, "array_char_index_scale": 0, "array_double_base_offset": 0, "array_double_index_scale": 0, "array_float_base_offset": 0, "array_float_index_scale": 0, "array_int_base_offset": 0, "array_int_index_scale": 0, "array_long_base_offset": 0, "array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0, "array_short_base_offset": 0, "array_short_index_scale": 0, "invalid_field_offset": 0, "the_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." } } }, "ipv4": "string",
```

```
"ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string", "subnet": "string",
"subnet_sep": "string" } ], "ip_address_port_map": { "property1": 0, "property2": 0 }, "name": "string", "uuid":
"string" }'
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "active": true,
  • "address_list": [
  • {
    • "hostname": "string",
    • "inet_address": {
    • "empty": {
      • "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "value": null},
    • "value": {
      • "$assertions_disabled": true,
      • "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "address_cache_init": true,
      • "cache_lock": { },
      • "cache_time": 0,
      • "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "canonical_host_name": "string",
      • "fields_offset": 0,
      • "holder": {
      • "address": 0,
      • "family": 0,
      • "host_name": "string",
      • "original_host_name": "string"},
      • "impl": { },
      • "ipv4": 0,
      • "ipv6": 0,
      • "lookup_table": {
      • "property1": null,
      • "property2": null},
      • "max_cache_time": 0,
      • "name_services": [
      • { }],
      • "negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "prefer_ipv6_address": true,
      • "serial_persistent_fields": [
      • {
        • "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        • "name": "string",
        • "offset": 0,
        • "signature": "string",
        • "type": {
        • "all_perm_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        • "annotation": 0,
        • "annotation_data": {
```

- "annotations": {
- "property1": null,
- "property2": null},
- "declared\_annotations": {
- "property1": null,
- "property2": null},
- "redefined\_count": 0},
- "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
- null],
- "superclass": { }},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": 0,
- "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,

- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}},
- "ip\_address\_port\_map": {
- "property1": 0,
- "property2": 0},
- "name": "string",
- "uuid": "string"

```
}`
```

## Delete the KeyManagementServer.

Delete a KeyManagementServer with the specified name.

### path Parameters

| Parameter | Required | Type   | Description                       |
|-----------|----------|--------|-----------------------------------|
| name      | Required | string | Name of the Key Management Server |

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation

delete/key\_management\_servers/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/key\_management\_servers/{name}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/key_management_servers/{name} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{`
```



- "value": true

```
}`
```

## Get all Key Management Servers.

Get all Key Management Servers from cluster.

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation

get/key\_management\_servers

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/key\_management\_servers

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/key_management_servers \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
```

- {
- "active": true,
- "address\_list": [
  - {
  - "hostname": "string",
  - "inet\_address": {
    - "empty": {
    - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "value": null},
    - "value": {
    - "\$assertions\_disabled": true,
    - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "address\_cache\_init": true,
    - "cache\_lock": { },
    - "cache\_time": 0,

- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
  - "address": 0,
  - "family": 0,
  - "host\_name": "string",
  - "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
  - "property1": null,
  - "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
  - { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
  - {
    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
      - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "annotation": 0,
      - "annotation\_data": {
        - "annotations": { },
        - "declared\_annotations": { },
        - "redefined\_count": null},
        - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "class\_redefined\_count": 0,
        - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "enum": 0,
        - "enum\_constant\_directory": {
          - "property1": null,
          - "property2": null},
          - "enum\_constants": null,
          - "generic\_info": {
            - "none": null,
            - "super\_interfaces": [ ],
          - "superclass": null},
          - "initted": true,
          - "name": "string",
          - "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "reflection\_data": {
            - "clock": null,
            - "timestamp": null},
            - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
            - "serial\_persistent\_fields": [

- null],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}],
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"},
  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
  - "subnet\_sep": "string"}],
  - "ip\_address\_port\_map": {
    - "property1": 0,
    - "property2": 0},
  - "name": "string",
  - "uuid": "string"}
 ]`

## Get Key Management Server Type.

Get Key Management Server Type.

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation

get/key\_management\_servers/type

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/key\\_management\\_servers/type](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/key_management_servers/type)

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/key_management_servers/type \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "force_update_config": true,
  "kms_type": "EKM",
  "skip_cluster_size_check": true
}
```

## Get Key Management Server.

Get Key Management Server specified by the name.

### path Parameters

||| |---|---|| name required | string Name of the Key Management Server |

## Responses

### 200

Successful operation

### 500

Any internal exception while performing this operation

get/key\_management\_servers/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/key\_management\_servers/{name}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/key_management_servers/{name} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

...

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "active": true,
  • "address_list": [
  • {
    • "hostname": "string",
    • "inet_address": {
    • "empty": {
      • "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "value": null},
    • "value": {
      • "$assertions_disabled": true,
      • "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "address_cache_init": true,
      • "cache_lock": { },
      • "cache_time": 0,
      • "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "canonical_host_name": "string",
      • "fields_offset": 0,
      • "holder": {
      • "address": 0,
      • "family": 0,
      • "host_name": "string",
      • "original_host_name": "string"},
      • "impl": { },
      • "ipv4": 0,
      • "ipv6": 0,
      • "lookup_table": {
      • "property1": null,
      • "property2": null},
      • "max_cache_time": 0,
      • "name_services": [
      • { }],
      • "negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      • "prefer_ipv6_address": true,
      • "serial_persistent_fields": [
      • {
        • "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        • "name": "string",
        • "offset": 0,
        • "signature": "string",
        • "type": {
        • "all_perm_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        • "annotation": 0,
        • "annotation_data": {
          • "annotations": {
```

- "property1": null,
- "property2": null},
- "declared\_annotations": {
- "property1": null,
- "property2": null},
- "redefined\_count": 0},
- "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
- null],
- "superclass": { }},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": 0,
- "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,

- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}],
- "ip\_address\_port\_map": {
- "property1": 0,
- "property2": 0},
- "name": "string",
- "uuid": "string"

```
}`
```

## Modify the KeyManagementServer.

Modify the KeyManagementServer configuration.

### Request Body schema: application/json

A Key Management Server instance

```
||| |---| --- || cluster_uuid | string || generic_dto | object (patch.dto.appliance.configuration.KeyManagementServerDTO) || operation | string |
```

## Responses

### 200

Successful operation

### 500

Any internal exception while performing this operation

patch/key\_management\_servers

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/key\\_management\\_servers](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/key_management_servers)

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

### Copy

```
curl --request PATCH \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/key_management_servers \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid": "string",
"generic_dto": { "active": true, "address_list": [ { "hostname": "string", "inet_address": { "empty": { "empty": "This
API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "value": null }, "value": { "$assertions_disabled": true, "address_cache": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"address_cache_init": true, "cache_lock": {}, "cache_time": 0, "cached_local_host": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"canonical_host_name": "string", "fields_offset": 0, "holder": { "address": 0, "family": 0, "host_name": "string",
"original_host_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup_table": { "property1": {}, "property2": {}
}, "max_cache_time": 0, "name_services": [ {} ], "negative_cache": "This API contains a circular reference, Refer to
the spec file that can be downloaded from the documentation for more information.", "prefer_ipv6_address": true,
"serial_persistent_fields": [ { "field": "This API contains a circular reference, Refer to the spec file that can be
downloaded from the documentation for more information.", "name": "string", "offset": 0, "signature": "string", "type":
{ "all_perm_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "annotation": 0, "annotation_data": { "annotations": { "property1": {},
```

```
"property2": {} }, "declared_annotations": { "property1": {}, "property2": {} }, "redefined_count": 0 },
"annotation_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "cached_constructor": "This API contains a circular reference, Refer to the spec
file that can be downloaded from the documentation for more information.", "class_redefined_count": 0,
"class_value_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "enum": 0, "enum_constant_directory": { "property1": {}, "property2": {} },
"enum_constants": null, "generic_info": { "none": "This API contains a circular reference, Refer to the spec file that
can be downloaded from the documentation for more information.", "super_interfaces": [ {} ], "superclass": {} },
"initted": true, "name": "string", "new_instance_caller_cache": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "reflection_data": { "clock": 0,
"timestamp": 0 }, "reflection_factory": "This API contains a circular reference, Refer to the spec file that can be
downloaded from the documentation for more information.", "serial_persistent_fields": [ "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information." ], "synthetic":
0, "use_caches": true }, "unshared": true } ], "unknown_array": [ "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information." ], "unsafe": { "address_size": 0,
"array_boolean_base_offset": 0, "array_boolean_index_scale": 0, "array_byte_base_offset": 0, "array_byte_index_scale":
0, "array_char_base_offset": 0, "array_char_index_scale": 0, "array_double_base_offset": 0, "array_double_index_scale":
0, "array_float_base_offset": 0, "array_float_index_scale": 0, "array_int_base_offset": 0, "array_int_index_scale": 0,
"array_long_base_offset": 0, "array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0,
"array_short_base_offset": 0, "array_short_index_scale": 0, "invalid_field_offset": 0, "the_unsafe": "This API contains
a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." } }
}, "ipv4": "string", "ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string",
"subnet": "string", "subnet_sep": "string" } ], "ip_address_port_map": { "property1": 0, "property2": 0 }, "name":
"string", "uuid": "string" }, "operation": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "active": true,
  • "address_list": [
    • {
      • "hostname": "string",
      • "inet_address": {
      • "empty": {
        • "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        • "value": null},
      • "value": {
        • "$assertions_disabled": true,
        • "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        • "address_cache_init": true,
        • "cache_lock": { },
        • "cache_time": 0,
        • "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        • "canonical_host_name": "string",
        • "fields_offset": 0,
        • "holder": {
        • "address": 0,
        • "family": 0,
        • "host_name": "string",
        • "original_host_name": "string"},
        • "impl": { },
        • "ipv4": 0,
        • "ipv6": 0,
        • "lookup_table": {
```



- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }},
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
- {
- "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "name": "string",
- "offset": 0,
- "signature": "string",
- "type": {
- "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "annotation": 0,
- "annotation\_data": {
- "annotations": {
- "property1": null,
- "property2": null},
- "declared\_annotations": {
- "property1": null,
- "property2": null},
- "redefined\_count": 0},
- "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
- null],
- "superclass": { }},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": 0,
- "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}],
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,

- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"]},
- "ip\_address\_port\_map": {
- "property1": 0,
- "property2": 0},
- "name": "string",
- "uuid": "string"

```
}`
```

## Select Key Management Server Type.

Select Key Management Server Type to be LKM or EKM.

### Request Body schema: application/json required

Type of the Key Management Server

||| |---| --- || force\_update\_config | boolean || kms\_type | string Enum: "EKM" "LKM" "PCKM" || skip\_cluster\_size\_check | boolean |

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation

put/key\_management\_servers/type

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/key\\_management\\_servers/type](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/key_management_servers/type)

### Request samples

- cURL
- Wget

- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/key_management_servers/type \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "force_update_config":
true, "kms_type": "EKM", "skip_cluster_size_check": true }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

### Update the KeyManagementServer.

Update the KeyManagementServer configuration.

#### query Parameters

||| |---| --- || force\_update | boolean Set when you need to updateKey Management Server that is currently storing encryption keys for the cluster |

#### Request Body schema: application/json

A Key Management Server instance

||| |---| --- || active | boolean || address\_list | Array of objects (update.common.Address) || ip\_address\_port\_map | object || name | string || uuid | string |

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation

put/key\_management\_servers

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/key\_management\_servers

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/key_management_servers \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "active": true, "address_list": [ {
"hostname": "string", "inet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec
file that can be downloaded from the documentation for more information.", "value": null }, "value": {
"$assertions_disabled": true, "address_cache": "This API contains a circular reference, Refer to the spec file that can
```

```
be downloaded from the documentation for more information.", "address_cache_init": true, "cache_lock": {},
"cache_time": 0, "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be
downloaded from the documentation for more information.", "canonical_host_name": "string", "fields_offset": 0,
"holder": { "address": 0, "family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0,
"ipv6": 0, "lookup_table": { "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ],
"negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API
contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "name": "string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a
circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"annotation": 0, "annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": {
"property1": {}, "property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference,
Refer to the spec file that can be downloaded from the documentation for more information.", "cached_constructor":
"This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": {
"property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"super_interfaces": [ {} ], "superclass": {} }, "initted": true, "name": "string", "new_instance_caller_cache": "This
API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
information.", "reflection_data": { "clock": 0, "timestamp": 0 }, "reflection_factory": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded
from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ],
"unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information." ], "unsafe": { "address_size": 0, "array_boolean_base_offset": 0,
"array_boolean_index_scale": 0, "array_byte_base_offset": 0, "array_byte_index_scale": 0, "array_char_base_offset": 0,
"array_char_index_scale": 0, "array_double_base_offset": 0, "array_double_index_scale": 0, "array_float_base_offset":
0, "array_float_index_scale": 0, "array_int_base_offset": 0, "array_int_index_scale": 0, "array_long_base_offset": 0,
"array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0, "array_short_base_offset":
0, "array_short_index_scale": 0, "invalid_field_offset": 0, "the_unsafe": "This API contains a circular reference,
Refer to the spec file that can be downloaded from the documentation for more information." } } }, "ipv4": "string",
"ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string", "subnet": "string",
"subnet_sep": "string" } ], "ip_address_port_map": { "property1": 0, "property2": 0 }, "name": "string", "uuid":
"string" }'
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "active": true,
  "address_list": [
    {
      "hostname": "string",
      "inet_address": {
        "empty": {
          "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          "value": null,
        },
        "value": {
          "$assertions_disabled": true,
          "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          "address_cache_init": true,
          "cache_lock": {},
          "cache_time": 0,
          "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          "canonical_host_name": "string",
```

- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }},
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
- {
- "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "name": "string",
- "offset": 0,
- "signature": "string",
- "type": {
- "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "annotation": 0,
- "annotation\_data": {
- "annotations": {
- "property1": null,
- "property2": null},
- "declared\_annotations": {
- "property1": null,
- "property2": null},
- "redefined\_count": 0},
- "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
- null],
- "superclass": { }},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": 0,
- "timestamp": 0},

- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}],
- "ip\_address\_port\_map": {
- "property1": 0,
- "property2": 0},
- "name": "string",
- "uuid": "string"

```
}`
```

## /networks

### Blacklist an IP address from managed network.

Blacklist an IP address from being used by a managed network. A blacklisted IP address cannot be assigned to a VM network adapter. This property may be useful for avoiding conflicts between VMs and other hosts on the physical network. The logical timestamp can optionally be provided for consistency. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the virtual network logical timestamp. The logical timestamp can be obtained from the virtual network object.

#### path Parameters

||| | --- | --- || uuid required | string Id of the network |

**Request Body schema: application/json required**

IP address to reserve

||| | --- | --- || value | string |

Responses

200

Successful operation

post/networks/{uuid}/blacklist\_ip\_addresses

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/networks/{uuid}/blacklist\_ip\_addresses

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/networks/{uuid}/blacklist_ip_addresses \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

Create a network.

Create a network with specified L2 and L3 configuration. Each VM network interface is bound to a virtual network (see POST /vms/nic\_create/). While a virtual network is in use by a VM, it cannot be modified or deleted. Currently, the only supported L2 type is VLAN. Each virtual network is bound to a single VLAN, and trunking VLANs to a virtual network is not supported. A virtual network on VLAN 66 would be named vlan.66 . Each virtual network maps to a hypervisor-specific default vswitch. On KVM, this is br0 . To use a different vswitch (e.g., with different uplinks), you can append the vswitch name to the network identifier. For example, vlan.66.br1 . This virtual switch should exists on all hosts, and the physical switch ports for the vswitch uplinks are properly configured to receive VLAN-tagged traffic. On hypervisors where it is supported, a virtual network may have an IPv4 configuration. Such a network is a managed L3 network. A network without a IPv4 configuration is an unmanaged L3 network. A network must be configured as managed L3 or unmanaged L3 at creation time. It is not possible to convert one to the other. A particular L2 (i.e., a particular VLAN) may have at most one managed network defined at a time. To create a managed network, the user specifies the ipConfig . This consists of an IPv4 default gateway address and subnet in CIDR notation. The user may optionally specify a DHCP server address, to avoid conflict with other services on the network. By default, the last available host address in the subnet is used. Every virtual NIC on a managed network must be assigned an IPv4 address at NIC creation time. All DHCP traffic on the network will be rerouted to an internal DHCP server, who hands out configured IPv4 addresses. DHCP traffic on the physical network will not reach the virtual network, and vice versa. A managed network may have zero or more non-overlapping DHCP pools. Each pool must be entirely contained within the network s managed subnet. In the absence of a DHCP pool, the user must specify an IPv4 address when creating a virtual network adapter (see POST /vms/nic\_create). If the managed network has a DHCP pool, the user need not provide an address; the NIC will automatically be assigned an IPv4 address from one of the pools at creation time, provided at least one address is available. Addresses in the DHCP pool are not reserved. That is, a user may manually specify an address belonging to the pool when creating a virtual adapter.

Request Body schema: application/json required

Network config info

||| | --- | --- || annotation | string || ip\_config | object (create.dto.acropolis.IpConfigDTO) || logical\_timestamp | integer || name | string || network\_type | string Enum: "EXTERNAL" "INTERNAL" || uuid | string || virtual\_switch\_uuid | string || vlan\_id | integer || vswitch\_name | string |

Responses

200

Successful operation

post/networks

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/networks

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/networks \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "annotation": "string", "ip_config": { "assigned_ips": 0, "default_gateway": "string", "dhcp_options": { "boot_file_name": "string", "domain_name": "string", "domain_name_servers": "string", "domain_search": "string", "tftp_server_name": "string" }, "dhcp_server_address": "string", "free_ips": 0, "ipam_enabled": true, "network_address": "string", "num_macs": 0, "pool": [ { "num_free_ips": 0, "num_total_ips": 0, "range": "string" } ], "prefix_length": 0 }, "logical_timestamp": 0, "name": "string", "network_type": "EXTERNAL", "uuid": "string", "virtual_switch_uuid": "string", "vlan_id": 0, "vswitch_name": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

```
{  
  
  • "network_uuid": "string"  
  
}
```

Delete a network.

Delete a network. A network cannot be deleted while Virtual Machines are still attached to it. The logical timestamp can optionally be provided for consistency. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the virtual network logical timestamp. The logical timestamp can be obtained from the virtual network object.

path Parameters

||| --- |--- || uuid required | string Id of the network |

query Parameters

||| --- |--- || logical\_timestamp | integer Logical timestamp for synchronized delete |

Responses

200

Successful operation

delete/networks/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/networks/{uuid}

Request samples



- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/networks/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
...
```
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

### Get info of a network.

Get info of a network in the cluster.

#### path Parameters

| | | | --- | --- | | uuid required | string UUID of the network |

### Responses

#### 200

Successful operation

get/networks/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/networks/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/networks/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
...
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "annotation": "string",
  • "ip_config": {
  • "assigned_ips": 0,
  • "default_gateway": "string",
  • "dhcp_options": {
    • "boot_file_name": "string",
    • "domain_name": "string",
    • "domain_name_servers": "string",
    • "domain_search": "string",
    • "tftp_server_name": "string"},
  • "dhcp_server_address": "string",
  • "free_ips": 0,
  • "ipam_enabled": true,
  • "network_address": "string",
  • "num_macs": 0,
  • "pool": [
    • {
    • "num_free_ips": 0,
    • "num_total_ips": 0,
    • "range": "string"}],
  • "prefix_length": 0},
  • "logical_timestamp": 0,
  • "name": "string",
  • "network_type": "EXTERNAL",
  • "uuid": "string",
  • "virtual_switch_uuid": "string",
  • "vlan_id": 0,
  • "vswitch_name": "string"
}`
```

## Get IP addresses assigned in the specified managed network.

Get IP addresses assigned in the specified managed network.

### path Parameters

||| |---|---|| uuid required | string Id of the network |

### Responses

#### 200

Successful operation

get/networks/{uuid}/addresses

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/networks/{uuid}/addresses

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/networks/{uuid}/addresses \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "deleted": true,
      "entity_uuid": "string",
      "ip_address": "string",
      "mac_address": "string",
      "network_uuid": "string",
      "overlay_network_id": 0,
      "type": "VM",
      "vm_name": "string"}],
  "error_info": {
    "count": 0,
    "entity_list": [
      "string"],
    "message": "string"},
  "metadata": {
    "count": 0,
    "end_index": 0,
    "filter_criteria": "string",
    "grand_total_entities": 0,
    "next_cursor": "string",
    "page": 0,
    "previous_cursor": "string",
    "search_string": "string",
    "sort_criteria": "string",
    "start_index": 0,
    "total_entities": 0}
}
```

Get list of networks.

Get list of networks configured in the cluster.

query Parameters

||| |---| --- || includeOverlaySubnets | boolean Whether to also include overlay subnets in response |

Responses

200

Successful operation

get/networks

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/networks

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/networks \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "annotation": "string",
      "ip_config": {
        "assigned_ips": 0,
        "default_gateway": "string",
        "dhcp_options": {
          "boot_file_name": "string",
          "domain_name": "string",
          "domain_name_servers": "string",
          "domain_search": "string",
          "tftp_server_name": "string"},
        "dhcp_server_address": "string",
        "free_ips": 0,
        "ipam_enabled": true,
        "network_address": "string",
        "num_macs": 0,
        "pool": [
          {
            "num_free_ips": 0,
            "num_total_ips": 0,
            "range": "string"}],
        "prefix_length": 0,
        "logical_timestamp": 0,
        "name": "string",
        "network_type": "EXTERNAL",
        "uuid": "string",
        "virtual_switch_uuid": "string",
        "vlan_id": 0,
        "vswitch_name": "string"}],
      "error_info": {
        "count": 0,
        "entity_list": [
          "string"],

```

- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

```
}`
```

## Remove an IP address from the managed network blacklist.

Remove an IP address from the blacklist that prevents it from being used by the managed network. The logical timestamp can optionally be provided for consistency. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the virtual network logical timestamp. The logical timestamp can be obtained from the virtual network object.

### path Parameters

```
||| | --- | --- || uuid required | string Id of the network || ipaddress required | string IP address |
```

### Responses

#### 200

Successful operation

```
delete/networks/{uuid}/blacklist_ip/{ipaddress}
```

```
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/networks/{uuid}/blacklist_ip/{ipaddress}
```

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/networks/{uuid}/blacklist_ip/{ipaddress} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

```
application/json
```

Copy

```
`{
  • "value": true
}`
```

Update a network.

Update a network. The logical timestamp can optionally be provided for consistency. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the virtual network logical timestamp. The logical timestamp can be obtained from the virtual network object.

path Parameters

||| |---|---|| uuid required | string UUID of the network |

Request Body schema: application/json required

Updated network spec

||| |---|---|| annotation | string | | ip\_config | object (update.dto.acropolis.IpConfigDTO) | | logical\_timestamp | integer | | name | string | | network\_type | string Enum: "EXTERNAL" "INTERNAL" | | uuid | string | | virtual\_switch\_uuid | string | | vlan\_id | integer | | vswitch\_name | string |

Responses

200

Successful operation

put/networks/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/networks/{uuid}

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/networks/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "annotation": "string", "ip_config": { "assigned_ips": 0, "default_gateway": "string", "dhcp_options": { "boot_file_name": "string", "domain_name": "string", "domain_name_servers": "string", "domain_search": "string", "tftp_server_name": "string" }, "dhcp_server_address": "string", "free_ips": 0, "ipam_enabled": true, "network_address": "string", "num_macs": 0, "pool": [ { "num_free_ips": 0, "num_total_ips": 0, "range": "string" } ], "prefix_length": 0 }, "logical_timestamp": 0, "name": "string", "network_type": "EXTERNAL", "uuid": "string", "virtual_switch_uuid": "string", "vlan_id": 0, "vswitch_name": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

/protection\_domains

Abort a replication.

Abort a replication in a Protection Domain.

path Parameters

| | | | --- | --- | | protection\_domain\_name required | string Name of the Protection Domain | | id required | integer Id of the replication |

## Responses

### 200

Successful operation

delete/protection\_domains/{protection\_domain\_name}/replications/{id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{protection\_domain\_name}/replications/{id}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{protection_domain_name}/replications/{id} \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

## Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": true
}`
```

## Activate a protection domain

Activate a protection domain with the specified name.

### path Parameters

| | | | --- | --- | | name required | string Name of the Protection Domain |

### Request Body schema: application/json

Id of the snapshot

| | | | --- | --- | | value | string |

## Responses

### 200

Successful operation

### 500

Any internal exception while performing this operation

post/protection\_domains/{name}/activate

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/activate

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/activate \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
```

- "value": true

```
}
```

## Add a out of band snapshot schedule in a Protection Domain.

Add a out of band(i.e one time) snapshot schedule in a Protection Domain having specified name.

### path Parameters

||| | --- | --- || name required | string Name of the Protection Domain |

### Request Body schema: application/json required

A Out of band snapshot schedule instance

||| | --- | --- || app\_consistent | boolean || remote\_site\_names | Array of strings || schedule\_id | integer || schedule\_start\_time\_usecs | integer || snapshot\_retention\_time\_secs | integer |

## Responses

### 200

Successful operation

### 500

Any internal exception while performing this operation

post/protection\_domains/{name}/oob\_schedules

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/oob\_schedules

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy



```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/oob_schedules \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "app_consistent": true, "remote_site_names": [ "string" ], "schedule_id": 0, "schedule_start_time_usecs": 0, "snapshot_retention_time_secs": 0 }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "app_consistent": true,
  "remote_site_names": [
    "string",
    "schedule_id": 0,
    "schedule_start_time_usecs": 0,
    "snapshot_retention_time_secs": 0
  ]
}
```

Add a Protection Domain.

A protection domain to be used for Disaster Recovery and Backups.

Request Body schema: application/json required

A Protection Domain instance

||| |---| --- || annotations | Array of strings || value | string |

Responses

200

Successful operation

post/protection\_domains

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "annotations": [ "string" ], "value": "string" }'
```

Response samples

- 200

Content type

application/json

Expand all Collapse all

```

"active": true,
• "alert_summary": {
• "alert_summaries": {
• "property1": {
• "entities": [
• {
• "acknowledged": true,
• "acknowledged_by_username": "string",
• "acknowledged_time_stamp_in_usecs": 0,
• "affected_entities": [
• {
• "entity_name": "string",
• "entity_type": "string",
• "entity_type_display_name": "string",
• "id": "string",
• "uuid": "string"}],
• "alert_details": {
• "metric_details": [
• {
• "comparison_operator": "string",
• "condition_type": "STATIC_THRESHOLD",
• "data_type": "LONG",
• "entity_id": "string",
• "entity_type": "string",
• "metric_category": "string",
• "metric_display_name": "string",
• "metric_name": "string",
• "metric_value_details": [
• null],
• "unit": "string"}],
• "severity_trails": [
• {
• "severity": "string",
• "severity_change_timestamp_in_usecs": 0}],
• "alert_title": "string",
• "alert_type_uuid": "string",
• "auto_resolved": true,
• "categories": [
• "string"],
• "check_id": "string",
• "classifications": [
• "string"],
• "cluster_uuid": "string",
• "context_types": [
• "string"],
• "context_values": [
• "string"],
• "created_time_stamp_in_usecs": 0,
• "detailed_message": "string",
• "entity_ids": [
• "string"],
• "entity_types": [
• "string"],
• "entity_uuids": [

```

- "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
        - "details": "string",
        - "has\_global\_details": true,
        - "id": "string",
        - "num\_resolved\_count": 0,
        - "parent\_cause\_id": "string",
        - "title": "string",
        - "troubleshooting\_steps": "string"}},
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,
      - "next\_cursor": "string",

- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}},
  - "alert\_details": {
    - "metric\_details": [
      - {
        - "comparison\_operator": "string",
        - "condition\_type": "STATIC\_THRESHOLD",
        - "data\_type": "LONG",
        - "entity\_id": "string",
        - "entity\_type": "string",
        - "metric\_category": "string",
        - "metric\_display\_name": "string",
        - "metric\_name": "string",
        - "metric\_value\_details": [
          - null],
        - "unit": "string"}},
      - "severity\_trails": [
        - {
          - "severity": "string",
          - "severity\_change\_timestamp\_in\_usecs": 0}}},
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
      - "string"],
    - "check\_id": "string",
    - "classifications": [
      - "string"],
    - "cluster\_uuid": "string",
    - "context\_types": [
      - "string"],
    - "context\_values": [
      - "string"],
    - "created\_time\_stamp\_in\_usecs": 0,
    - "detailed\_message": "string",
    - "entity\_ids": [
      - "string"],
    - "entity\_types": [
      - "string"],
    - "entity\_uuids": [
      - "string"],
    - "id": "string",

- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
        - "details": "string",
        - "has\_global\_details": true,
        - "id": "string",
        - "num\_resolved\_count": 0,
        - "parent\_cause\_id": "string",
        - "title": "string",
        - "troubleshooting\_steps": "string"}},
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,
      - "next\_cursor": "string",
      - "page": 0,
      - "previous\_cursor": "string",

- "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
- "count": 0},
- "annotations": [
- "string"],
- "cron\_schedules": [
- {
  - "app\_consistent": true,
  - "duration\_in\_usecs": 0,
  - "end\_time\_in\_usecs": 0,
  - "every\_nth": 0,
  - "id": "string",
  - "is\_rollup\_sched": true,
  - "pd\_name": "string",
  - "retention\_policy": {
  - "default\_local\_retention": 0,
  - "default\_remote\_retention": 0,
  - "local\_max\_snapshots": 0,
  - "local\_retention\_period": 0,
  - "local\_retention\_type": "NUM\_SNAPSHOTS",
  - "remote\_max\_snapshots": {
    - "property1": 0,
    - "property2": 0},
  - "remote\_retention\_period": {
    - "property1": 0,
    - "property2": 0},
  - "remote\_retention\_type": {
    - "property1": "NUM\_SNAPSHOTS",
    - "property2": "NUM\_SNAPSHOTS"}},
  - "rollup\_schedule\_uuid": "string",
  - "start\_times\_in\_usecs": [
  - 0],
  - "suspended": true,
  - "timezone\_offset": 0,
  - "type": "SECONDLY",
  - "user\_start\_time\_in\_usecs": 0,
  - "values": [
  - 0]],
- "health\_summary": {
- "entity\_type\_summaries": [
- {
  - "checks\_in\_error": {
    - "property1": {
    - "cluster\_level": [
      - {
        - "entity\_name": "string",
        - "entity\_uuid": "string",
        - "message": "string"}},
      - "node\_level": [
        - {
          - "entity\_name": "string",
          - "entity\_uuid": "string",
          - "message": "string"}},
        - "property2": {
        - "cluster\_level": [
          - {
            - "entity\_name": "string",

- "entity\_uuid": "string",
  - "message": "string"]],
- "node\_level": [
  - {
    - "entity\_name": "string",
    - "entity\_uuid": "string",
    - "message": "string"]}]},
  - "detailed\_check\_summary": {
    - "property1": {
      - "property1": 0,
      - "property2": 0},
    - "property2": {
      - "property1": 0,
      - "property2": 0}},
    - "entity\_type": "PAGE",
    - "filter\_criteria": "string",
    - "health\_summary": {
      - "property1": 0,
      - "property2": 0}},
    - "health\_check\_summaries": {
      - "property1": {
        - "property1": "string",
        - "property2": "string"},
      - "executed\_time\_stamp\_in\_usecs": 0,
      - "health\_status": "Critical",
      - "id": "string",
      - "score": 0},
      - "property2": {
        - "property1": "string",
        - "property2": "string"},
      - "executed\_time\_stamp\_in\_usecs": 0,
      - "health\_status": "Critical",
      - "id": "string",
      - "score": 0}},
      - "health\_status": "Critical"},
      - "hybrid\_schedules\_count": 0,
      - "marked\_for\_removal": true,
      - "metro\_avail": {
        - "container": "string",
        - "failure\_handling": "NONE",
        - "per\_vm\_consistency": true,
        - "remote\_site": "string",
        - "role": "ACTIVE",
        - "skip\_clones\_check": true,
        - "status": "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS",
        - "storage\_container": "string",
        - "timeout": 10,
        - "vm\_agnostic\_snapshots": true},
        - "min\_snapshot\_to\_retain": 0,
        - "name": "string",
        - "next\_snapshot\_time\_usecs": 0,
        - "nfs\_files": [
          - {
            - "consistency\_group": "string",
            - "nfs\_file\_path": "string",
            - "nfs\_handle": 0}},
        - "ongoing\_replication\_count": 0,

- "pending\_replication\_count": 0,
- "remote\_site\_names": [
- "string"],
- "replication\_links": [
- {
  - "current\_replicating\_snapshot\_id": "string",
  - "current\_replicating\_snapshot\_total\_bytes": 0,
  - "current\_replicating\_snapshot\_transmitted\_bytes": 0,
  - "id": "string",
  - "last\_replication\_end\_time\_in\_usecs": 0,
  - "last\_replication\_start\_time\_in\_usecs": 0,
  - "last\_successful\_replication\_snapshot\_id": "string",
  - "protection\_domain\_name": "string",
  - "remote\_site\_name": "string",
  - "stats": {
  - "property1": "string",
  - "property2": "string"}}},
- "schedules\_suspended": true,
- "stats": {
- "property1": "string",
- "property2": "string"},
- "sync\_replications": [
- {
  - "id": "string",
  - "protection\_domain\_name": "string",
  - "remote\_site\_name": "string",
  - "stats": {
  - "property1": "string",
  - "property2": "string"}}},
- "total\_user\_written\_bytes": 0,
- "usage\_stats": {
- "property1": "string",
- "property2": "string"},
- "vms": [
- {
  - "app\_consistent\_snapshots": true,
  - "consistency\_group": "string",
  - "related\_entity\_uuids": [
  - "string"],
  - "vm\_files": [
  - "string"],
  - "vm\_handle": 0,
  - "vm\_id": "string",
  - "vm\_name": "string",
  - "vm\_power\_state\_on\_recovery": "Powered Off",
  - "vm\_recoverability": [
  - {
    - "cerebro\_error": "string",
    - "reason": "string",
    - "remote\_site": "string"}}},
- "volume\_groups": [
- {
  - "consistency\_group": "string",
  - "name": "string",
  - "nfs\_file\_paths": [
  - "string"],
  - "related\_entity\_uuids": [
  - "string"],
  - "volume\_group\_uuid": "string"}},



- "vstore\_id": 0

```
`
```

## Add a snapshot schedule to a Protection Domain.

Add a snapshot schedule to the specified Protection Domain.

### path Parameters

||| | --- | --- || name required | string Name of the Protection Domain |

### Request Body schema: application/json required

A snapshot schedule instance

||| | --- | --- || app\_consistent | boolean || duration\_in\_usecs | integer || end\_time\_in\_usecs | integer || every\_nth | integer || id | string || is\_rollup\_sched | boolean || pd\_name | string || retention\_policy | object (create.dto.dr.RetentionPolicyDTO) || rollup\_schedule\_uuid | string || start\_times\_in\_usecs | Array of integers [ items ] || suspended | boolean || timezone\_offset | integer || type | string Enum: "SECONDLY" "MINUTELY" "HOURLY" "DAILY" "WEEKLY" "MONTHLY" || user\_start\_time\_in\_usecs | integer || values | Array of integers [ items ] |

### Responses

#### 200

Successful operation

post/protection\_domains/{name}/schedules

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/schedules

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/schedules \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "app_consistent": true, "duration_in_usecs": 0, "end_time_in_usecs": 0, "every_nth": 0, "id": "string", "is_rollup_sched": true, "pd_name": "string", "retention_policy": { "default_local_retention": 0, "default_remote_retention": 0, "local_max_snapshots": 0, "local_retention_period": 0, "local_retention_type": "NUM_SNAPSHOTS", "remote_max_snapshots": { "property1": 0, "property2": 0 }, "remote_retention_period": { "property1": 0, "property2": 0 }, "remote_retention_type": { "property1": "NUM_SNAPSHOTS", "property2": "NUM_SNAPSHOTS" } }, "rollup_schedule_uuid": "string", "start_times_in_usecs": [ 0 ], "suspended": true, "timezone_offset": 0, "type": "SECONDLY", "user_start_time_in_usecs": 0, "values": [ 0 ] }'
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "app\_consistent": true,
- "duration\_in\_usecs": 0,
- "end\_time\_in\_usecs": 0,
- "every\_nth": 0,

- "id": "string",
- "is\_rollup\_sched": true,
- "pd\_name": "string",
- "retention\_policy": {
- "default\_local\_retention": 0,
- "default\_remote\_retention": 0,
- "local\_max\_snapshots": 0,
- "local\_retention\_period": 0,
- "local\_retention\_type": "NUM\_SNAPSHOTS",
- "remote\_max\_snapshots": {
- "property1": 0,
- "property2": 0},
- "remote\_retention\_period": {
- "property1": 0,
- "property2": 0},
- "remote\_retention\_type": {
- "property1": "NUM\_SNAPSHOTS",
- "property2": "NUM\_SNAPSHOTS"}},
- "rollup\_schedule\_uuid": "string",
- "start\_times\_in\_usecs": [
- 0],
- "suspended": true,
- "timezone\_offset": 0,
- "type": "SECONDLY",
- "user\_start\_time\_in\_usecs": 0,
- "values": [
- 0]

```
}`
```

## Add Virtual Machines to a Protection Domain.

Add Virtual Machines to a Protection Domain to enable Backup and disaster recovery.

### path Parameters

| | | | --- | --- | | name required | string Name of the Protection Domain |

### Request Body schema: application/json required

Add VMs request instance

| | | | --- | --- | | app\_consistent\_snapshots | boolean | | consistency\_group\_name | string | | ids | Array of strings | | ignore\_dup\_or\_missing\_vms | boolean | | names | Array of strings | | uuids | Array of strings |

### Responses

#### 200

Successful operation

post/protection\_domains/{name}/protect\_vms

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/protect\_vms

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy



- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
      - "details": "string",
      - "has\_global\_details": true,
      - "id": "string",
      - "num\_resolved\_count": 0,
      - "parent\_cause\_id": "string",
      - "title": "string",
      - "troubleshooting\_steps": "string"}],
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},

- "error\_info": {
  - "count": 0,
  - "entity\_list": [
  - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}],
- "alert\_details": {
  - "metric\_details": [
    - {
      - "comparison\_operator": "string",
      - "condition\_type": "STATIC\_THRESHOLD",
      - "data\_type": "LONG",
      - "entity\_id": "string",
      - "entity\_type": "string",
      - "metric\_category": "string",
      - "metric\_display\_name": "string",
      - "metric\_name": "string",
      - "metric\_value\_details": [
        - null],
      - "unit": "string"}],
  - "severity\_trails": [
    - {
      - "severity": "string",
      - "severity\_change\_timestamp\_in\_usecs": 0}}],
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
  - "check\_id": "string",
  - "classifications": [
    - "string"],
  - "cluster\_uuid": "string",
  - "context\_types": [
    - "string"],

- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
        - "details": "string",
        - "has\_global\_details": true,
        - "id": "string",
        - "num\_resolved\_count": 0,
        - "parent\_cause\_id": "string",
        - "title": "string",
        - "troubleshooting\_steps": "string"}},
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,

- "entity\_list": [
  - "string"],
  - "message": "string"),
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
- "count": 0},
- "annotations": [
- "string"],
- "cron\_schedules": [
- {
  - "app\_consistent": true,
  - "duration\_in\_usecs": 0,
  - "end\_time\_in\_usecs": 0,
  - "every\_nth": 0,
  - "id": "string",
  - "is\_rollup\_sched": true,
  - "pd\_name": "string",
  - "retention\_policy": {
  - "default\_local\_retention": 0,
  - "default\_remote\_retention": 0,
  - "local\_max\_snapshots": 0,
  - "local\_retention\_period": 0,
  - "local\_retention\_type": "NUM\_SNAPSHOTS",
  - "remote\_max\_snapshots": {
    - "property1": 0,
    - "property2": 0},
  - "remote\_retention\_period": {
    - "property1": 0,
    - "property2": 0},
  - "remote\_retention\_type": {
    - "property1": "NUM\_SNAPSHOTS",
    - "property2": "NUM\_SNAPSHOTS"}},
    - "rollup\_schedule\_uuid": "string",
    - "start\_times\_in\_usecs": [
    - 0],
    - "suspended": true,
    - "timezone\_offset": 0,
    - "type": "SECONDLY",
    - "user\_start\_time\_in\_usecs": 0,
    - "values": [
    - 0]],
  - "health\_summary": {
  - "entity\_type\_summaries": [
  - {
  - "checks\_in\_error": {
  - "property1": {
  - "cluster\_level": [
  - {
  - "entity\_name": "string",

- "entity\_uuid": "string",
- "message": "string"]],
- "node\_level": [
  - {
  - "entity\_name": "string",
  - "entity\_uuid": "string",
  - "message": "string"]}],
- "property2": {
- "cluster\_level": [
  - {
  - "entity\_name": "string",
  - "entity\_uuid": "string",
  - "message": "string"]}],
  - "node\_level": [
    - {
    - "entity\_name": "string",
    - "entity\_uuid": "string",
    - "message": "string"]}]},
  - "detailed\_check\_summary": {
    - "property1": {
    - "property1": 0,
    - "property2": 0},
    - "property2": {
    - "property1": 0,
    - "property2": 0}},
  - "entity\_type": "PAGE",
  - "filter\_criteria": "string",
  - "health\_summary": {
    - "property1": 0,
    - "property2": 0}},
  - "health\_check\_summaries": {
    - "property1": {
    - "attribute\_map": {
      - "property1": "string",
      - "property2": "string"},
    - "executed\_time\_stamp\_in\_usecs": 0,
    - "health\_status": "Critical",
    - "id": "string",
    - "score": 0},
    - "property2": {
    - "attribute\_map": {
      - "property1": "string",
      - "property2": "string"},
    - "executed\_time\_stamp\_in\_usecs": 0,
    - "health\_status": "Critical",
    - "id": "string",
    - "score": 0}},
  - "health\_status": "Critical"},
  - "hybrid\_schedules\_count": 0,
  - "marked\_for\_removal": true,
  - "metro\_avail": {
  - "container": "string",
  - "failure\_handling": "NONE",
  - "per\_vm\_consistency": true,
  - "remote\_site": "string",
  - "role": "ACTIVE",
  - "skip\_clones\_check": true,
  - "status": "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS",
  - "storage\_container": "string",



- "timeout": 10,
- "vm\_agnostic\_snapshots": true},
- "min\_snapshot\_to\_retain": 0,
- "name": "string",
- "next\_snapshot\_time\_usecs": 0,
- "nfs\_files": [
- {
  - "consistency\_group": "string",
  - "nfs\_file\_path": "string",
  - "nfs\_handle": 0}},
- "ongoing\_replication\_count": 0,
- "pending\_replication\_count": 0,
- "remote\_site\_names": [
- "string"],
- "replication\_links": [
- {
  - "current\_replicating\_snapshot\_id": "string",
  - "current\_replicating\_snapshot\_total\_bytes": 0,
  - "current\_replicating\_snapshot\_transmitted\_bytes": 0,
  - "id": "string",
  - "last\_replication\_end\_time\_in\_usecs": 0,
  - "last\_replication\_start\_time\_in\_usecs": 0,
  - "last\_successful\_replication\_snapshot\_id": "string",
  - "protection\_domain\_name": "string",
  - "remote\_site\_name": "string",
  - "stats": {
    - "property1": "string",
    - "property2": "string"}}},
  - "schedules\_suspended": true,
  - "stats": {
    - "property1": "string",
    - "property2": "string"},
  - "sync\_replications": [
  - {
    - "id": "string",
    - "protection\_domain\_name": "string",
    - "remote\_site\_name": "string",
    - "stats": {
      - "property1": "string",
      - "property2": "string"}}},
    - "total\_user\_written\_bytes": 0,
    - "usage\_stats": {
      - "property1": "string",
      - "property2": "string"},
    - "vms": [
    - {
      - "app\_consistent\_snapshots": true,
      - "consistency\_group": "string",
      - "related\_entity\_uuids": [
        - "string"],
      - "vm\_files": [
        - "string"],
      - "vm\_handle": 0,
      - "vm\_id": "string",
      - "vm\_name": "string",
      - "vm\_power\_state\_on\_recovery": "Powered Off",
      - "vm\_recoverability": [
        - {
          - "cerebro\_error": "string",

```
      • "reason": "string",
      • "remote_site": "string"))}],
• "volume_groups": [
• {
  • "consistency_group": "string",
  • "name": "string",
  • "nfs_file_paths": [
  • "string"],
  • "related_entity_uuids": [
  • "string"],
  • "volume_group_uuid": "string"]},
• "vstore_id": 0
}`
```

## Change failure handling mode for a protection domain

Change failure handling mode for a protection domain

### path Parameters

||| | --- | --- || pd\_name required | string Name of the Protection Domain |

### Request Body schema: application/json required

Protection domain name and Failure handling mode

||| | --- | --- || failure\_handling\_mode | string Enum: "NONE" "AUTOMATIC" "MANUAL" "WITNESS" "PENDING" || local\_only | boolean |

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation

put/protection\_domains/{pd\_name}/failure\_handling

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{pd\_name}/failure\_handling

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{pd_name}/failure_handling \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "failure_handling_mode": "NONE",
"local_only": true }'
```

### Response samples

- 200

Content type

application/json

Copy

{

- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
      - "details": "string",
      - "has\_global\_details": true,
      - "id": "string",
      - "num\_resolved\_count": 0,
      - "parent\_cause\_id": "string",
      - "title": "string",
      - "troubleshooting\_steps": "string"}},
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,
      - "next\_cursor": "string",
      - "page": 0,
      - "previous\_cursor": "string",

- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}],
  - "alert\_details": {
    - "metric\_details": [
      - {
        - "comparison\_operator": "string",
        - "condition\_type": "STATIC\_THRESHOLD",
        - "data\_type": "LONG",
        - "entity\_id": "string",
        - "entity\_type": "string",
        - "metric\_category": "string",
        - "metric\_display\_name": "string",
        - "metric\_name": "string",
        - "metric\_value\_details": [
          - null],
        - "unit": "string"}],
      - "severity\_trails": [
        - {
          - "severity": "string",
          - "severity\_change\_timestamp\_in\_usecs": 0}}],
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
      - "string"],
    - "check\_id": "string",
    - "classifications": [
      - "string"],
    - "cluster\_uuid": "string",
    - "context\_types": [
      - "string"],
    - "context\_values": [
      - "string"],
    - "created\_time\_stamp\_in\_usecs": 0,
    - "detailed\_message": "string",
    - "entity\_ids": [
      - "string"],
    - "entity\_types": [
      - "string"],
    - "entity\_uuids": [
      - "string"],
    - "id": "string",
    - "impact": "string",
    - "impact\_types": [

- "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
        - "details": "string",
        - "has\_global\_details": true,
        - "id": "string",
        - "num\_resolved\_count": 0,
        - "parent\_cause\_id": "string",
        - "title": "string",
        - "troubleshooting\_steps": "string"}},
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,
      - "next\_cursor": "string",
      - "page": 0,
      - "previous\_cursor": "string",
      - "search\_string": "string",
      - "sort\_criteria": "string",

- "start\_index": 0,
  - "total\_entities": 0}}},
- "count": 0},
- "annotations": [
- "string",
- "cron\_schedules": [
- {
  - "app\_consistent": true,
  - "duration\_in\_usecs": 0,
  - "end\_time\_in\_usecs": 0,
  - "every\_nth": 0,
  - "id": "string",
  - "is\_rollup\_sched": true,
  - "pd\_name": "string",
  - "retention\_policy": {
  - "default\_local\_retention": 0,
  - "default\_remote\_retention": 0,
  - "local\_max\_snapshots": 0,
  - "local\_retention\_period": 0,
  - "local\_retention\_type": "NUM\_SNAPSHOTS",
  - "remote\_max\_snapshots": {
    - "property1": 0,
    - "property2": 0},
  - "remote\_retention\_period": {
    - "property1": 0,
    - "property2": 0},
  - "remote\_retention\_type": {
    - "property1": "NUM\_SNAPSHOTS",
    - "property2": "NUM\_SNAPSHOTS"}},
    - "rollup\_schedule\_uuid": "string",
    - "start\_times\_in\_usecs": [
    - 0],
    - "suspended": true,
    - "timezone\_offset": 0,
    - "type": "SECONDLY",
    - "user\_start\_time\_in\_usecs": 0,
    - "values": [
    - 0]],
  - "health\_summary": {
  - "entity\_type\_summaries": [
    - {
    - "checks\_in\_error": {
      - "property1": {
      - "cluster\_level": [
        - {
        - "entity\_name": "string",
        - "entity\_uuid": "string",
        - "message": "string"}},
      - "node\_level": [
        - {
        - "entity\_name": "string",
        - "entity\_uuid": "string",
        - "message": "string"}},
      - "property2": {
      - "cluster\_level": [
        - {
        - "entity\_name": "string",
        - "entity\_uuid": "string",
        - "message": "string"}},

- "node\_level": [
  - {
    - "entity\_name": "string",
    - "entity\_uuid": "string",
    - "message": "string"}}},
- "detailed\_check\_summary": {
  - "property1": {
    - "property1": 0,
    - "property2": 0},
  - "property2": {
    - "property1": 0,
    - "property2": 0}},
  - "entity\_type": "PAGE",
  - "filter\_criteria": "string",
  - "health\_summary": {
    - "property1": 0,
    - "property2": 0}},
- "health\_check\_summaries": {
  - "property1": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0},
  - "property2": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0}},
- "health\_status": "Critical",
- "hybrid\_schedules\_count": 0,
- "marked\_for\_removal": true,
- "metro\_avail": {
  - "container": "string",
  - "failure\_handling": "NONE",
  - "per\_vm\_consistency": true,
  - "remote\_site": "string",
  - "role": "ACTIVE",
  - "skip\_clones\_check": true,
  - "status": "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS",
  - "storage\_container": "string",
  - "timeout": 10,
  - "vm\_agnostic\_snapshots": true},
  - "min\_snapshot\_to\_retain": 0,
  - "name": "string",
  - "next\_snapshot\_time\_usecs": 0,
  - "nfs\_files": [
    - {
      - "consistency\_group": "string",
      - "nfs\_file\_path": "string",
      - "nfs\_handle": 0}},
  - "ongoing\_replication\_count": 0,
  - "pending\_replication\_count": 0,
  - "remote\_site\_names": [



- "string"],
- "replication\_links": [
- {
  - "current\_replicating\_snapshot\_id": "string",
  - "current\_replicating\_snapshot\_total\_bytes": 0,
  - "current\_replicating\_snapshot\_transmitted\_bytes": 0,
  - "id": "string",
  - "last\_replication\_end\_time\_in\_usecs": 0,
  - "last\_replication\_start\_time\_in\_usecs": 0,
  - "last\_successful\_replication\_snapshot\_id": "string",
  - "protection\_domain\_name": "string",
  - "remote\_site\_name": "string",
  - "stats": {
    - "property1": "string",
    - "property2": "string"}}},
  - "schedules\_suspended": true,
  - "stats": {
    - "property1": "string",
    - "property2": "string"},
  - "sync\_replications": [
  - {
    - "id": "string",
    - "protection\_domain\_name": "string",
    - "remote\_site\_name": "string",
    - "stats": {
      - "property1": "string",
      - "property2": "string"}}},
    - "total\_user\_written\_bytes": 0,
    - "usage\_stats": {
      - "property1": "string",
      - "property2": "string"},
    - "vms": [
    - {
      - "app\_consistent\_snapshots": true,
      - "consistency\_group": "string",
      - "related\_entity\_uuids": [
        - "string"],
      - "vm\_files": [
        - "string"],
      - "vm\_handle": 0,
      - "vm\_id": "string",
      - "vm\_name": "string",
      - "vm\_power\_state\_on\_recovery": "Powered Off",
      - "vm\_recoverability": [
        - {
          - "cerebro\_error": "string",
          - "reason": "string",
          - "remote\_site": "string"}}},
    - "volume\_groups": [
    - {
      - "consistency\_group": "string",
      - "name": "string",
      - "nfs\_file\_paths": [
        - "string"],
      - "related\_entity\_uuids": [
        - "string"],
      - "volume\_group\_uuid": "string"}},
    - "vstore\_id": 0

```
}
```

## Clear retention policies of a snapshot schedule of a Protection Domain.

Clear retention policies of specified snapshot schedule from the specified Protection Domain.

### path Parameters

||| --- || pd\_name required | string Name of the Protection Domain | | id required | string ID of the snapshot schedule |

### Responses

#### 200

Successful operation

delete/protection\_domains/{pd\_name}/schedules/{id}/retention\_policies

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{pd\_name}/schedules/{id}/retention\_policies

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{pd_name}/schedules/{id}/retention_policies \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
'''
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
```

- "app\_consistent": true,
- "duration\_in\_usecs": 0,
- "end\_time\_in\_usecs": 0,
- "every\_nth": 0,
- "id": "string",
- "is\_rollup\_sched": true,
- "pd\_name": "string",
- "retention\_policy": {
- "default\_local\_retention": 0,
- "default\_remote\_retention": 0,
- "local\_max\_snapshots": 0,
- "local\_retention\_period": 0,
- "local\_retention\_type": "NUM\_SNAPSHOTS",
- "remote\_max\_snapshots": {
- "property1": 0,
- "property2": 0},
- "remote\_retention\_period": {
- "property1": 0,

- "property2": 0},
- "remote\_retention\_type": {
  - "property1": "NUM\_SNAPSHOTS",
  - "property2": "NUM\_SNAPSHOTS"}},
  - "rollup\_schedule\_uuid": "string",
  - "start\_times\_in\_usecs": [
    - 0],
  - "suspended": true,
  - "timezone\_offset": 0,
  - "type": "SECONDLY",
  - "user\_start\_time\_in\_usecs": 0,
  - "values": [
    - 0]

```
}`
```

## Deactivate a protection domain.

Deactivate a protection domain. If you delete this protection domain after this, it will destroy all the VMs and VGs protected in this protection domain.

### path Parameters

| | | | --- | --- | | name required | string Name of the Protection Domain |

### Responses

#### 200

Successful operation

post/protection\_domains/{name}/deactivate

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/deactivate

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/deactivate \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": true
}`
```

## Delete a Out-Of-Band schedule.

Delete a Out-Of-Band schedule having specified id.

#### path Parameters

||| | --- | --- || name required | string Name of the Protection Domain | | schedule\_id required | integer Id of the Out-Of-Band schedule |

#### Responses

##### 200

Successful operation

delete/protection\_domains/{name}/oob\_schedules/{schedule\_id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/oob\_schedules/{schedule\_id}

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/oob_schedules/{schedule_id} \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \
'''
```

#### Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": true
}`
```

#### Delete a Protection Domain.

Mark a Protection domain for removal. Protection domain will be removed from the cluster when all outstanding operations on it are cancelled.

#### path Parameters

||| | --- | --- || name required | string Name of the Protection Domain |

#### query Parameters

||| | --- | --- || skip\_remote\_check | boolean Skip checking remote Protection Domain |

#### Responses

##### 200

Successful operation

delete/protection\_domains/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```

'''

## Response samples

- 200

Content type

application/json

Copy

```
{
```

- "value": true

```
}
```

## Delete a snapshot.

Delete a snapshot of a Protection Domain.

### path Parameters

| | | | --- | --- | | protection\_domain\_name required | string Name of the Protection Domain | | snapshot\_id required | string Id of the snapshot |

## Responses

### 200

Successful operation

delete/protection\_domains/{protection\_domain\_name}/dr\_snapshots/{snapshot\_id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{protection\_domain\_name}/dr\_snapshots/{snapshot\_id}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request DELETE \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{protection_domain_name}/dr_snapshots/{snapshot_id} \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \
```

'''

## Response samples

- 200

Content type

application/json

Copy

```
`{  
  
  • "value": true  
  
}`
```

**Disables Metro Availability for a specific protection domain.**

Disables Metro Availability for a specific protection domain.

**path Parameters**

```
||| | --- | --- || pd_name required | string Name of the Protection Domain |
```

**query Parameters**

```
||| | --- | --- || skip_remote_check | boolean Skip checking remote Protection Domain |
```

**Responses**

**200**

Successful operation

post/protection\_domains/{pd\_name}/metro\_avail\_disable

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{pd\_name}/metro\_avail\_disable

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{pd_name}/metro_avail_disable \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \  
...  
```
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{  
  
  • "active": true,  
  • "alert_summary": {  
  • "alert_summaries": {  
    • "property1": {  
    • "entities": [  
      • {  
      • "acknowledged": true,  
      • "acknowledged_by_username": "string",
```

- "acknowledged\_time\_stamp\_in\_usecs": 0,
- "affected\_entities": [
  - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}}],
  - "alert\_details": {
    - "metric\_details": [
      - {
        - "comparison\_operator": "string",
        - "condition\_type": "STATIC\_THRESHOLD",
        - "data\_type": "LONG",
        - "entity\_id": "string",
        - "entity\_type": "string",
        - "metric\_category": "string",
        - "metric\_display\_name": "string",
        - "metric\_name": "string",
        - "metric\_value\_details": [
          - null],
          - "unit": "string"}}],
        - "severity\_trails": [
          - {
            - "severity": "string",
            - "severity\_change\_timestamp\_in\_usecs": 0}}],
      - "alert\_title": "string",
      - "alert\_type\_uuid": "string",
      - "auto\_resolved": true,
      - "categories": [
        - "string"],
      - "check\_id": "string",
      - "classifications": [
        - "string"],
      - "cluster\_uuid": "string",
      - "context\_types": [
        - "string"],
      - "context\_values": [
        - "string"],
      - "created\_time\_stamp\_in\_usecs": 0,
      - "detailed\_message": "string",
      - "entity\_ids": [
        - "string"],
      - "entity\_types": [
        - "string"],
      - "entity\_uuids": [
        - "string"],
      - "id": "string",
      - "impact": "string",
      - "impact\_types": [
        - "string"],
      - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
      - "message": "string",
      - "node\_uuid": "string",
      - "operation\_type": "string",
      - "originating\_cluster\_uuid": "string",
      - "possible\_causes": [
        - {
          - "actions": "string",

- "additional\_links": "string",
- "alert\_namespace": "string",
- "cause": "string",
- "chart\_queries": {
  - "entities": [
    - null],
  - "error\_info": {
    - "count": null,
    - "entity\_list": [ ],
    - "message": null},
    - "metadata": {
      - "count": null,
      - "end\_index": null,
      - "filter\_criteria": null,
      - "grand\_total\_entities": null,
      - "next\_cursor": null,
      - "page": null,
      - "previous\_cursor": null,
      - "search\_string": null,
      - "sort\_criteria": null,
      - "start\_index": null,
      - "total\_entities": null}},
  - "details": "string",
  - "has\_global\_details": true,
  - "id": "string",
  - "num\_resolved\_count": 0,
  - "parent\_cause\_id": "string",
  - "title": "string",
  - "troubleshooting\_steps": "string"}},
  - "resolved": true,
  - "resolved\_by\_username": "string",
  - "resolved\_time\_stamp\_in\_usecs": 0,
  - "service\_vmid": "string",
  - "severity": "string",
  - "user\_defined": true}},
  - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
    - "message": "string"}},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,
      - "next\_cursor": "string",
      - "page": 0,
      - "previous\_cursor": "string",
      - "search\_string": "string",
      - "sort\_criteria": "string",
      - "start\_index": 0,
      - "total\_entities": 0}},
    - "property2": {
    - "entities": [
      - {
        - "acknowledged": true,
        - "acknowledged\_by\_username": "string",
        - "acknowledged\_time\_stamp\_in\_usecs": 0,
        - "affected\_entities": [



- {
- "entity\_name": "string",
- "entity\_type": "string",
- "entity\_type\_display\_name": "string",
- "id": "string",
- "uuid": "string"}],
- "alert\_details": {
  - "metric\_details": [
    - {
      - "comparison\_operator": "string",
      - "condition\_type": "STATIC\_THRESHOLD",
      - "data\_type": "LONG",
      - "entity\_id": "string",
      - "entity\_type": "string",
      - "metric\_category": "string",
      - "metric\_display\_name": "string",
      - "metric\_name": "string",
      - "metric\_value\_details": [
        - null],
      - "unit": "string"}],
    - "severity\_trails": [
      - {
        - "severity": "string",
        - "severity\_change\_timestamp\_in\_usecs": 0}}],
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
      - "string"],
    - "check\_id": "string",
    - "classifications": [
      - "string"],
    - "cluster\_uuid": "string",
    - "context\_types": [
      - "string"],
    - "context\_values": [
      - "string"],
    - "created\_time\_stamp\_in\_usecs": 0,
    - "detailed\_message": "string",
    - "entity\_ids": [
      - "string"],
    - "entity\_types": [
      - "string"],
    - "entity\_uuids": [
      - "string"],
    - "id": "string",
    - "impact": "string",
    - "impact\_types": [
      - "string"],
    - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
    - "message": "string",
    - "node\_uuid": "string",
    - "operation\_type": "string",
    - "originating\_cluster\_uuid": "string",
    - "possible\_causes": [
      - {
        - "actions": "string",
        - "additional\_links": "string",
        - "alert\_namespace": "string",

- "cause": "string",
- "chart\_queries": {
  - "entities": [
    - null],
    - "error\_info": {
    - "count": null,
    - "entity\_list": [ ],
    - "message": null},
    - "metadata": {
      - "count": null,
      - "end\_index": null,
      - "filter\_criteria": null,
      - "grand\_total\_entities": null,
      - "next\_cursor": null,
      - "page": null,
      - "previous\_cursor": null,
      - "search\_string": null,
      - "sort\_criteria": null,
      - "start\_index": null,
      - "total\_entities": null}},
  - "details": "string",
  - "has\_global\_details": true,
  - "id": "string",
  - "num\_resolved\_count": 0,
  - "parent\_cause\_id": "string",
  - "title": "string",
  - "troubleshooting\_steps": "string"}},
  - "resolved": true,
  - "resolved\_by\_username": "string",
  - "resolved\_time\_stamp\_in\_usecs": 0,
  - "service\_vmid": "string",
  - "severity": "string",
  - "user\_defined": true}},
  - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
    - "message": "string"},
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}}},
    - "count": 0},
    - "annotations": [
      - "string"],
    - "cron\_schedules": [
      - {
        - "app\_consistent": true,
        - "duration\_in\_usecs": 0,
        - "end\_time\_in\_usecs": 0,
        - "every\_nth": 0,

- "id": "string",
- "is\_rollup\_sched": true,
- "pd\_name": "string",
- "retention\_policy": {
- "default\_local\_retention": 0,
- "default\_remote\_retention": 0,
- "local\_max\_snapshots": 0,
- "local\_retention\_period": 0,
- "local\_retention\_type": "NUM\_SNAPSHOTS",
- "remote\_max\_snapshots": {
- "property1": 0,
- "property2": 0},
- "remote\_retention\_period": {
- "property1": 0,
- "property2": 0},
- "remote\_retention\_type": {
- "property1": "NUM\_SNAPSHOTS",
- "property2": "NUM\_SNAPSHOTS"}},
- "rollup\_schedule\_uuid": "string",
- "start\_times\_in\_usecs": [
- 0],
- "suspended": true,
- "timezone\_offset": 0,
- "type": "SECONDLY",
- "user\_start\_time\_in\_usecs": 0,
- "values": [
- 0]],
- "health\_summary": {
- "entity\_type\_summaries": [
- {
- "checks\_in\_error": {
- "property1": {
- "cluster\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"}},
- "node\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"}]],
- "property2": {
- "cluster\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"}},
- "node\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"}]]],
- "detailed\_check\_summary": {
- "property1": {
- "property1": 0,
- "property2": 0},
- "property2": {
- "property1": 0,

- "property2": 0}},
- "entity\_type": "PAGE",
- "filter\_criteria": "string",
- "health\_summary": {
  - "property1": 0,
  - "property2": 0}}},
- "health\_check\_summaries": {
  - "property1": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0},
  - "property2": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0}},
- "health\_status": "Critical"},
- "hybrid\_schedules\_count": 0,
- "marked\_for\_removal": true,
- "metro\_avail": {
  - "container": "string",
  - "failure\_handling": "NONE",
  - "per\_vm\_consistency": true,
  - "remote\_site": "string",
  - "role": "ACTIVE",
  - "skip\_clones\_check": true,
- "status": "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS",
- "storage\_container": "string",
- "timeout": 10,
- "vm\_agnostic\_snapshots": true},
- "min\_snapshot\_to\_retain": 0,
- "name": "string",
- "next\_snapshot\_time\_usecs": 0,
- "nfs\_files": [
  - {
    - "consistency\_group": "string",
    - "nfs\_file\_path": "string",
    - "nfs\_handle": 0}},
- "ongoing\_replication\_count": 0,
- "pending\_replication\_count": 0,
- "remote\_site\_names": [
  - "string"],
- "replication\_links": [
  - {
    - "current\_replicating\_snapshot\_id": "string",
    - "current\_replicating\_snapshot\_total\_bytes": 0,
    - "current\_replicating\_snapshot\_transmitted\_bytes": 0,
    - "id": "string",
    - "last\_replication\_end\_time\_in\_usecs": 0,
    - "last\_replication\_start\_time\_in\_usecs": 0,
    - "last\_successful\_replication\_snapshot\_id": "string",
    - "protection\_domain\_name": "string",

```

    • "remote_site_name": "string",
    • "stats": {
    • "property1": "string",
    • "property2": "string"}}},
• "schedules_suspended": true,
• "stats": {
• "property1": "string",
• "property2": "string"},
• "sync_replications": [
• {
    • "id": "string",
    • "protection_domain_name": "string",
    • "remote_site_name": "string",
    • "stats": {
    • "property1": "string",
    • "property2": "string"}}},
• "total_user_written_bytes": 0,
• "usage_stats": {
• "property1": "string",
• "property2": "string"},
• "vms": [
• {
    • "app_consistent_snapshots": true,
    • "consistency_group": "string",
    • "related_entity_uuids": [
    • "string"],
    • "vm_files": [
    • "string"],
    • "vm_handle": 0,
    • "vm_id": "string",
    • "vm_name": "string",
    • "vm_power_state_on_recovery": "Powered Off",
    • "vm_recoverability": [
    • {
        • "cerebro_error": "string",
        • "reason": "string",
        • "remote_site": "string"}}}],
• "volume_groups": [
• {
    • "consistency_group": "string",
    • "name": "string",
    • "nfs_file_paths": [
    • "string"],
    • "related_entity_uuids": [
    • "string"],
    • "volume_group_uuid": "string"}},
• "vstore_id": 0
}
`

```

## Enables Metro Availability for a specific protection domain.

Enables Metro Availability for a specific protection domain based on VStore and remote site.

### path Parameters

||| | --- | --- || pd\_name required | string Name of the Protection Domain |

### query Parameters

||| |---| --- || re\_enable | boolean Re-enable operation || skip\_remote\_check | boolean Skip checking remote Protection Domain || force | boolean Skip checking remote container emptiness || skip\_clones\_check | boolean Skip clones check |

Request Body schema: application/json

VStore name and Remote site name

||| |---| --- || container | string || failure\_handling | string Enum: "NONE" "AUTOMATIC" "MANUAL" "WITNESS" "PENDING" || per\_vm\_consistency | boolean || remote\_site | string || role | string Enum: "ACTIVE" "STANDBY" "DEACTIVATED" || skip\_clones\_check | boolean || status | string Enum: "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS" "DISABLE\_METRO\_AVAIL\_IN\_PROGRESS" "PROMOTE\_METRO\_AVAIL\_IN\_PROGRESS" "DEMOTED\_METRO\_AVAIL\_IN\_PROGRESS" "REMOTE\_UNREACHABLE" "DECOUPLED" "SYNCHRONIZING" "ENABLED" "DISABLED" "SYNC\_INCOMPLETE" "PENDING" "ERROR" || storage\_container | string || timeout | integer [ 10 .. 30 ] || vm\_agnostic\_snapshots | boolean |

Responses

200

Successful operation

post/protection\_domains/{pd\_name}/metro\_avail\_enable

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{pd\_name}/metro\_avail\_enable

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{pd_name}/metro_avail_enable \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "container": "string", "failure_handling": "NONE", "per_vm_consistency": true, "remote_site": "string", "role": "ACTIVE", "skip_clones_check": true, "status": "ENABLE_METRO_AVAIL_IN_PROGRESS", "storage_container": "string", "timeout": 10, "vm_agnostic_snapshots": true }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "active": true,
  "alert_summary": {
    "alert_summaries": {
      "property1": {
        "entities": [
          {
            "acknowledged": true,
            "acknowledged_by_username": "string",
            "acknowledged_time_stamp_in_usecs": 0,
            "affected_entities": [
              {
                "entity_name": "string",
                "entity_type": "string",
```

- "entity\_type\_display\_name": "string",
- "id": "string",
- "uuid": "string"}},
- "alert\_details": {
  - "metric\_details": [
    - {
      - "comparison\_operator": "string",
      - "condition\_type": "STATIC\_THRESHOLD",
      - "data\_type": "LONG",
      - "entity\_id": "string",
      - "entity\_type": "string",
      - "metric\_category": "string",
      - "metric\_display\_name": "string",
      - "metric\_name": "string",
      - "metric\_value\_details": [
        - null],
      - "unit": "string"}},
    - "severity\_trails": [
      - {
        - "severity": "string",
        - "severity\_change\_timestamp\_in\_usecs": 0}}},
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
      - "string"],
    - "check\_id": "string",
    - "classifications": [
      - "string"],
    - "cluster\_uuid": "string",
    - "context\_types": [
      - "string"],
    - "context\_values": [
      - "string"],
    - "created\_time\_stamp\_in\_usecs": 0,
    - "detailed\_message": "string",
    - "entity\_ids": [
      - "string"],
    - "entity\_types": [
      - "string"],
    - "entity\_uuids": [
      - "string"],
    - "id": "string",
    - "impact": "string",
    - "impact\_types": [
      - "string"],
    - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
    - "message": "string",
    - "node\_uuid": "string",
    - "operation\_type": "string",
    - "originating\_cluster\_uuid": "string",
    - "possible\_causes": [
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        - "additional\_links": "string",
        - "alert\_namespace": "string",
        - "cause": "string",
        - "chart\_queries": {
          - "entities": [

- null],
- "error\_info": {
- "count": null,
- "entity\_list": [ ],
- "message": null},
- "metadata": {
- "count": null,
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- "filter\_criteria": null,
- "grand\_total\_entities": null,
- "next\_cursor": null,
- "page": null,
- "previous\_cursor": null,
- "search\_string": null,
- "sort\_criteria": null,
- "start\_index": null,
- "total\_entities": null}},
- "details": "string",
- "has\_global\_details": true,
- "id": "string",
- "num\_resolved\_count": 0,
- "parent\_cause\_id": "string",
- "title": "string",
- "troubleshooting\_steps": "string"}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
- "count": 0,
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- "string"],
- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
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- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}},
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- "entities": [
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- "entity\_type": "string",
- "entity\_type\_display\_name": "string",
- "id": "string",



- "uuid": "string"]],
- "alert\_details": {
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      - "unit": "string"]],
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    - "classifications": [
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    - "cluster\_uuid": "string",
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      - "string"],
    - "context\_values": [
      - "string"],
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    - "entity\_ids": [
      - "string"],
    - "entity\_types": [
      - "string"],
    - "entity\_uuids": [
      - "string"],
    - "id": "string",
    - "impact": "string",
    - "impact\_types": [
      - "string"],
    - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
    - "message": "string",
    - "node\_uuid": "string",
    - "operation\_type": "string",
    - "originating\_cluster\_uuid": "string",
    - "possible\_causes": [
      - {
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        - "additional\_links": "string",
        - "alert\_namespace": "string",
        - "cause": "string",
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- "count": null,
- "entity\_list": [ ],
- "message": null},
- "metadata": {
- "count": null,
- "end\_index": null,
- "filter\_criteria": null,
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- "page": null,
- "previous\_cursor": null,
- "search\_string": null,
- "sort\_criteria": null,
- "start\_index": null,
- "total\_entities": null}},
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- "id": "string",
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- "title": "string",
- "troubleshooting\_steps": "string"}],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
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- "message": "string"},
- "metadata": {
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- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}}},
- "count": 0},
- "annotations": [
- "string"],
- "cron\_schedules": [
- {
- "app\_consistent": true,
- "duration\_in\_usecs": 0,
- "end\_time\_in\_usecs": 0,
- "every\_nth": 0,
- "id": "string",
- "is\_rollup\_sched": true,
- "pd\_name": "string",
- "retention\_policy": {
- "default\_local\_retention": 0,

- "default\_remote\_retention": 0,
- "local\_max\_snapshots": 0,
- "local\_retention\_period": 0,
- "local\_retention\_type": "NUM\_SNAPSHOTS",
- "remote\_max\_snapshots": {
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  - "property2": 0},
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  - "property2": 0},
- "remote\_retention\_type": {
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  - "property2": "NUM\_SNAPSHOTS"}},
  - "rollup\_schedule\_uuid": "string",
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  - "suspended": true,
  - "timezone\_offset": 0,
  - "type": "SECONDLY",
  - "user\_start\_time\_in\_usecs": 0,
  - "values": [
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    - {
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        - {
        - "entity\_name": "string",
        - "entity\_uuid": "string",
        - "message": "string"}},
        - "node\_level": [
          - {
          - "entity\_name": "string",
          - "entity\_uuid": "string",
          - "message": "string"}},
          - "property2": {
          - "cluster\_level": [
            - {
            - "entity\_name": "string",
            - "entity\_uuid": "string",
            - "message": "string"}},
            - "node\_level": [
              - {
              - "entity\_name": "string",
              - "entity\_uuid": "string",
              - "message": "string"}},
    - "detailed\_check\_summary": {
      - "property1": {
      - "property1": 0,
      - "property2": 0},
      - "property2": {
        - "property1": 0,
        - "property2": 0}},
      - "entity\_type": "PAGE",
      - "filter\_criteria": "string",
      - "health\_summary": {
        - "property1": 0,

- "property2": 0}}],
- "health\_check\_summaries": {
  - "property1": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0},
  - "property2": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0}},
- "health\_status": "Critical"},
- "hybrid\_schedules\_count": 0,
- "marked\_for\_removal": true,
- "metro\_avail": {
- "container": "string",
- "failure\_handling": "NONE",
- "per\_vm\_consistency": true,
- "remote\_site": "string",
- "role": "ACTIVE",
- "skip\_clones\_check": true,
- "status": "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS",
- "storage\_container": "string",
- "timeout": 10,
- "vm\_agnostic\_snapshots": true},
- "min\_snapshot\_to\_retain": 0,
- "name": "string",
- "next\_snapshot\_time\_usecs": 0,
- "nfs\_files": [
- {
  - "consistency\_group": "string",
  - "nfs\_file\_path": "string",
  - "nfs\_handle": 0}},
- "ongoing\_replication\_count": 0,
- "pending\_replication\_count": 0,
- "remote\_site\_names": [
- "string"],
- "replication\_links": [
- {
  - "current\_replicating\_snapshot\_id": "string",
  - "current\_replicating\_snapshot\_total\_bytes": 0,
  - "current\_replicating\_snapshot\_transmitted\_bytes": 0,
  - "id": "string",
  - "last\_replication\_end\_time\_in\_usecs": 0,
  - "last\_replication\_start\_time\_in\_usecs": 0,
  - "last\_successful\_replication\_snapshot\_id": "string",
  - "protection\_domain\_name": "string",
  - "remote\_site\_name": "string",
  - "stats": {
    - "property1": "string",
    - "property2": "string"}}},
- "schedules\_suspended": true,

```

    • "stats": {
    • "property1": "string",
    • "property2": "string"},
    • "sync_replications": [
    • {
        • "id": "string",
        • "protection_domain_name": "string",
        • "remote_site_name": "string",
        • "stats": {
            • "property1": "string",
            • "property2": "string"}}},
    • "total_user_written_bytes": 0,
    • "usage_stats": {
    • "property1": "string",
    • "property2": "string"},
    • "vms": [
    • {
        • "app_consistent_snapshots": true,
        • "consistency_group": "string",
        • "related_entity_uuids": [
            • "string"],
        • "vm_files": [
            • "string"],
        • "vm_handle": 0,
        • "vm_id": "string",
        • "vm_name": "string",
        • "vm_power_state_on_recovery": "Powered Off",
        • "vm_recoverability": [
            • {
                • "cerebro_error": "string",
                • "reason": "string",
                • "remote_site": "string"}}}],
    • "volume_groups": [
    • {
        • "consistency_group": "string",
        • "name": "string",
        • "nfs_file_paths": [
            • "string"],
        • "related_entity_uuids": [
            • "string"],
        • "volume_group_uuid": "string"}],
    • "vstore_id": 0
}
`

```

## Get a Protection Domain.

Get a Protection Domain with the specified name.

### path Parameters

||| | --- | --- || name required | string Name of the Protection Domain |

### query Parameters

||| | --- | --- || metro\_avail | boolean Whether to include only Metro Availability related protection domains | | vstore\_name | string vStore name | | remote\_site\_name | string Remote Site name | | remote\_site\_to\_forward | string Remote Site to forward | | projection | string Projections on the attributes |

## Responses

200

Successful operation

`https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}`

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

```
curl --request GET --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name} \
--header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```

## Response samples

- Content type

Copy

 $\}$ 

- [illegible]

- {
  - "severity": "string",
  - "severity\_change\_timestamp\_in\_usecs": 0}}},
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
  - "details": "string",

- "has\_global\_details": true,
- "id": "string",
- "num\_resolved\_count": 0,
- "parent\_cause\_id": "string",
- "title": "string",
- "troubleshooting\_steps": "string"]],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true]],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"),
- "metadata": {
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  - "end\_index": 0,
  - "filter\_criteria": "string",
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  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"]}],
  - "alert\_details": {
    - "metric\_details": [
      - {
        - "comparison\_operator": "string",
        - "condition\_type": "STATIC\_THRESHOLD",
        - "data\_type": "LONG",
        - "entity\_id": "string",
        - "entity\_type": "string",
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        - "metric\_display\_name": "string",
        - "metric\_name": "string",
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          - null],
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          - "severity": "string",



- "severity\_change\_timestamp\_in\_usecs": 0}}},
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- "alert\_type\_uuid": "string",
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- "check\_id": "string",
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- "cluster\_uuid": "string",
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- "detailed\_message": "string",
- "entity\_ids": [
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- "entity\_types": [
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- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
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    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
  - "details": "string",
  - "has\_global\_details": true,
  - "id": "string",

- "num\_resolved\_count": 0,
  - "parent\_cause\_id": "string",
  - "title": "string",
  - "troubleshooting\_steps": "string"]],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true]],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
  - "count": 0},
  - "annotations": [
    - "string"],
  - "cron\_schedules": [
    - {
      - "app\_consistent": true,
      - "duration\_in\_usecs": 0,
      - "end\_time\_in\_usecs": 0,
      - "every\_nth": 0,
      - "id": "string",
      - "is\_rollup\_sched": true,
      - "pd\_name": "string",
      - "retention\_policy": {
        - "default\_local\_retention": 0,
        - "default\_remote\_retention": 0,
        - "local\_max\_snapshots": 0,
        - "local\_retention\_period": 0,
        - "local\_retention\_type": "NUM\_SNAPSHOTS",
        - "remote\_max\_snapshots": {
          - "property1": 0,
          - "property2": 0},
        - "remote\_retention\_period": {
          - "property1": 0,
          - "property2": 0},
        - "remote\_retention\_type": {
          - "property1": "NUM\_SNAPSHOTS",
          - "property2": "NUM\_SNAPSHOTS"}},
        - "rollup\_schedule\_uuid": "string",
        - "start\_times\_in\_usecs": [
          - 0],
        - "suspended": true,
        - "timezone\_offset": 0,

- "type": "SECONDLY",
- "user\_start\_time\_in\_usecs": 0,
- "values": [
- 0]],
- "health\_summary": {
- "entity\_type\_summaries": [
- {
- "checks\_in\_error": {
- "property1": {
- "cluster\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]},
- "node\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]}],
- "property2": {
- "cluster\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]}],
- "node\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]}],
- "detailed\_check\_summary": {
- "property1": {
- "property1": 0,
- "property2": 0},
- "property2": {
- "property1": 0,
- "property2": 0}},
- "entity\_type": "PAGE",
- "filter\_criteria": "string",
- "health\_summary": {
- "property1": 0,
- "property2": 0}},
- "health\_check\_summaries": {
- "property1": {
- "attribute\_map": {
- "property1": "string",
- "property2": "string"},
- "executed\_time\_stamp\_in\_usecs": 0,
- "health\_status": "Critical",
- "id": "string",
- "score": 0},
- "property2": {
- "attribute\_map": {
- "property1": "string",
- "property2": "string"},
- "executed\_time\_stamp\_in\_usecs": 0,
- "health\_status": "Critical",
- "id": "string",
- "score": 0}},

- "health\_status": "Critical"),
- "hybrid\_schedules\_count": 0,
- "marked\_for\_removal": true,
- "metro\_avail": {
- "container": "string",
- "failure\_handling": "NONE",
- "per\_vm\_consistency": true,
- "remote\_site": "string",
- "role": "ACTIVE",
- "skip\_clones\_check": true,
- "status": "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS",
- "storage\_container": "string",
- "timeout": 10,
- "vm\_agnostic\_snapshots": true},
- "min\_snapshot\_to\_retain": 0,
- "name": "string",
- "next\_snapshot\_time\_usecs": 0,
- "nfs\_files": [
- {
- "consistency\_group": "string",
- "nfs\_file\_path": "string",
- "nfs\_handle": 0}},
- "ongoing\_replication\_count": 0,
- "pending\_replication\_count": 0,
- "remote\_site\_names": [
- "string"],
- "replication\_links": [
- {
- "current\_replicating\_snapshot\_id": "string",
- "current\_replicating\_snapshot\_total\_bytes": 0,
- "current\_replicating\_snapshot\_transmitted\_bytes": 0,
- "id": "string",
- "last\_replication\_end\_time\_in\_usecs": 0,
- "last\_replication\_start\_time\_in\_usecs": 0,
- "last\_successful\_replication\_snapshot\_id": "string",
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "stats": {
- "property1": "string",
- "property2": "string"}}},
- "schedules\_suspended": true,
- "stats": {
- "property1": "string",
- "property2": "string"},
- "sync\_replications": [
- {
- "id": "string",
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "stats": {
- "property1": "string",
- "property2": "string"}}},
- "total\_user\_written\_bytes": 0,
- "usage\_stats": {
- "property1": "string",
- "property2": "string"},
- "vms": [
- {
- "app\_consistent\_snapshots": true,

```

    • "consistency_group": "string",
    • "related_entity_uuids": [
    • "string"],
    • "vm_files": [
    • "string"],
    • "vm_handle": 0,
    • "vm_id": "string",
    • "vm_name": "string",
    • "vm_power_state_on_recovery": "Powered Off",
    • "vm_recoverability": [
    • {
      • "cerebro_error": "string",
      • "reason": "string",
      • "remote_site": "string"}}],
    • "volume_groups": [
    • {
      • "consistency_group": "string",
      • "name": "string",
      • "nfs_file_paths": [
      • "string"],
      • "related_entity_uuids": [
      • "string"],
      • "volume_group_uuid": "string"}],
    • "vstore_id": 0
  }`

```

## Get list of Consistency groups in a Protection Domain.

Get list of Consistency groups in a specified Protection Domain.

### path Parameters

| | | | --- | --- | | name required | string Name of the Protection Domain |

### Responses

#### 200

Successful operation

get/protection\_domains/{name}/consistency\_groups

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/consistency\_groups

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/consistency_groups \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "entities": [
  • {
    • "app_consistent_snapshots": true,
    • "consistency_group_name": "string",
    • "marked_for_removal": true,
    • "nfs_file_count": 0,
    • "protection_domain_name": "string",
    • "total_file_count": 0,
    • "total_file_size_bytes": 0,
    • "vm_count": 0,
    • "within_snapshot": true}},
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}
```

## Get list of Consistency groups.

Get list of Consistency groups in the cluster.

### query Parameters

||| | --- | --- || protection\_domains | Array of strings Protection Domain names || consistency\_groups | Array of strings Consistency Group names || include\_deleted | boolean Include deleted |

### Responses

200

Successful operation

get/protection\_domains/consistency\_groups

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/consistency\_groups

### Request samples

- cURL
- Wget
- Python
- Go
- Java

- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/consistency_groups \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "entities": [
  • {
    • "app_consistent_snapshots": true,
    • "consistency_group_name": "string",
    • "marked_for_removal": true,
    • "nfs_file_count": 0,
    • "protection_domain_name": "string",
    • "total_file_count": 0,
    • "total_file_size_bytes": 0,
    • "vm_count": 0,
    • "within_snapshot": true}},
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}
```

Get list of pending actions in the Protection Domain.

Get list of pending actions in the specified Protection Domain.

path Parameters

||| --- | --- || name required | string Name of the Protection Domain |

Responses

200

Successful operation

## 500

Any internal exception while performing this operation

get/protection\_domains/{name}/pending\_actions

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/pending\_actions

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/pending_actions \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
```

- {
- "has\_pending\_actions": true,
- "marked\_for\_removal": true,
- "pending\_change\_mode": {
  - "failover\_remote": "string",
  - "mode\_type": "ACTIVATE\_PD",
  - "snapshot\_id": "string"},
- "pending\_nfs\_files\_restore": [
  - {
  - "name": "string",
  - "path\_prefix": "string",
  - "replace\_entity": true,
  - "snapshot\_id": "string"}],
- "pending\_replications": [
  - {
  - "remote\_site": "string",
  - "snapshot\_ids": [
    - "string"}],
- "pending\_vms\_restore": [
  - {
  - "name": "string",
  - "path\_prefix": "string",
  - "replace\_entity": true,
  - "snapshot\_id": "string"}],
- "protection\_domain\_name": "string",
- "to\_be\_removed\_nfs\_files": [



```
    • "string"],
  • "to_be_removed_snapshots": [
    • "string"],
  • "to_be_removed_vms": [
    • "string"]}
]
```

## Get list of pending actions.

Get list of pending actions in the cluster.

### query Parameters

| | | | --- | --- | | protection\_domain\_names | Array of strings Names of Protection Domains |

### Responses

#### 200

Successful operation

get/protection\_domains/pending\_actions

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/pending\_actions

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/pending_actions \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
  • {
  • "has_pending_actions": true,
  • "marked_for_removal": true,
  • "pending_change_mode": {
    • "failover_remote": "string",
    • "mode_type": "ACTIVATE_PD",
    • "snapshot_id": "string"},
  • "pending_nfs_files_restore": [
    • {
    • "name": "string",
    • "path_prefix": "string",
    • "replace_entity": true,
```

- "snapshot\_id": "string"]},
- "pending\_replications": [
  - {
  - "remote\_site": "string",
  - "snapshot\_ids": [
    - "string"]}],
- "pending\_vms\_restore": [
  - {
  - "name": "string",
  - "path\_prefix": "string",
  - "replace\_entity": true,
  - "snapshot\_id": "string"]},
- "protection\_domain\_name": "string",
- "to\_be\_removed\_nfs\_files": [
  - "string"],
- "to\_be\_removed\_snapshots": [
  - "string"],
- "to\_be\_removed\_vms": [
  - "string"]}

]

## Get list of pending replications in the Protection Domain.

Get list of pending replications in the Protection Domain with the specified name.

### path Parameters

||| |---|---|| name required | string Name of the Protection Domain |

### query Parameters

||| |---|---|| remote\_site\_names | Array of strings Names of Remote Sites |

## Responses

### 200

Successful operation

get/protection\_domains/{name}/pending\_replications

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/pending\_replications

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/pending_replications \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \
'''
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`[

- {
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "snapshot": {
  - "consistency\_groups": [
    - "string",
  - "exclusive\_usage\_in\_bytes": 0,
  - "located\_remote\_site\_name": "string",
  - "missing\_entities": [
    - {
      - "cg\_name": "string",
      - "entity\_name": "string",
      - "entity\_type": "string"}}],
  - "nfs\_files": [
    - {
      - "consistency\_group": "string",
      - "nfs\_file\_path": "string",
      - "nfs\_handle": 0}},
  - "oob\_schedule\_ids": [
    - 0],
  - "protection\_domain\_name": "string",
  - "remote\_site\_names": [
    - "string"],
  - "size\_in\_bytes": 0,
  - "snapshot\_create\_time\_usecs": 0,
  - "snapshot\_expiry\_time\_usecs": 0,
  - "snapshot\_id": "string",
  - "snapshot\_uuid": "string",
  - "state": "EXPIRED",
  - "vms": [
    - {
      - "app\_consistent\_snapshots": true,
      - "consistency\_group": "string",
      - "related\_entity\_uuids": [
        - "string"],
      - "vm\_files": [
        - "string"],
      - "vm\_handle": 0,
      - "vm\_id": "string",
      - "vm\_name": "string",
      - "vm\_power\_state\_on\_recovery": "Powered Off",
      - "vm\_recoverability": [
        - {
          - "cerebro\_error": "string",
          - "reason": "string",
          - "remote\_site": "string"}}],
  - "volume\_groups": [
    - {
      - "consistency\_group": "string",
      - "name": "string",
      - "nfs\_file\_paths": [
        - "string"],
      - "related\_entity\_uuids": [
        - "string"],

- "volume\_group\_uuid": "string"}}}

]

## Get list of pending replications.

Get list of pending replications in the cluster.

### query Parameters

| | | | --- | --- | | protection\_domain\_names | Array of strings Protection Domain names | | remote\_site\_names | Array of strings Remote Site names |

### Responses

#### 200

Successful operation

get/protection\_domains/pending\_replications

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/pending\_replications

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/pending_replications \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
'''
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`[

- {
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "snapshot": {
  - "consistency\_groups": [
    - "string",
  - "exclusive\_usage\_in\_bytes": 0,
  - "located\_remote\_site\_name": "string",
  - "missing\_entities": [
    - {
      - "cg\_name": "string",
      - "entity\_name": "string",
      - "entity\_type": "string"}},
  - "nfs\_files": [
    - {
      - "consistency\_group": "string",

```

      • "nfs_file_path": "string",
      • "nfs_handle": 0}},
    • "oob_schedule_ids": [
    • 0],
    • "protection_domain_name": "string",
    • "remote_site_names": [
    • "string"],
    • "size_in_bytes": 0,
    • "snapshot_create_time_usecs": 0,
    • "snapshot_expiry_time_usecs": 0,
    • "snapshot_id": "string",
    • "snapshot_uuid": "string",
    • "state": "EXPIRED",
    • "vms": [
    • {
      • "app_consistent_snapshots": true,
      • "consistency_group": "string",
      • "related_entity_uuids": [
      • "string"],
      • "vm_files": [
      • "string"],
      • "vm_handle": 0,
      • "vm_id": "string",
      • "vm_name": "string",
      • "vm_power_state_on_recovery": "Powered Off",
      • "vm_recoverability": [
      • {
        • "cerebro_error": "string",
        • "reason": "string",
        • "remote_site": "string"}}}],
    • "volume_groups": [
    • {
      • "consistency_group": "string",
      • "name": "string",
      • "nfs_file_paths": [
      • "string"],
      • "related_entity_uuids": [
      • "string"],
      • "volume_group_uuid": "string"}}}]
  ]

```

]

### Get list of replications in a Protection Domain.

#### path Parameters

||| | --- | --- || name required | string Name of the Protection Domain |

#### Responses

200

Successful operation

get/protection\_domains/{name}/replications

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/replications

#### Request samples

- cURL
- Wget
- Python

- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/replications \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "aborted": true,
      "completed_bytes": 0,
      "completed_percentage": 0.1,
      "id": 0,
      "paused": true,
      "protection_domain_name": "string",
      "remote_site_name": "string",
      "replication_time_to_complete_secs": 0,
      "sender": true,
      "snapshot_id": "string",
      "start_replication_time_usecs": 0}],
    "error_info": {
      "count": 0,
      "entity_list": [
        "string"],
      "message": "string"},
      "metadata": {
        "count": 0,
        "end_index": 0,
        "filter_criteria": "string",
        "grand_total_entities": 0,
        "next_cursor": "string",
        "page": 0,
        "previous_cursor": "string",
        "search_string": "string",
        "sort_criteria": "string",
        "start_index": 0,
        "total_entities": 0}
  }`
```

Get list of replications.

Get list of replications in the cluster.

query Parameters

||| --- || protection\_domain\_names | Array of strings Protection Domain names | remote\_site\_names | Array of strings Remote Site names |

## Responses

### 200

Successful operation

get/protection\_domains/replications

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/replications

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/replications \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
  - {
    - "aborted": true,
    - "completed\_bytes": 0,
    - "completed\_percentage": 0.1,
    - "id": 0,
    - "paused": true,
    - "protection\_domain\_name": "string",
    - "remote\_site\_name": "string",
    - "replication\_time\_to\_complete\_secs": 0,
    - "sender": true,
    - "snapshot\_id": "string",
    - "start\_replication\_time\_usecs": 0}],
- "error\_info": {
- "count": 0,
- "entity\_list": [
  - "string"],
- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",

- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

```
}`
```

## Get list of unprotected VMs in a cluster.

Get list of unprotected VMs in a cluster that can participate in Nutanix native Backup and DR.

### query Parameters

||| |---|---|| host\_uuids | Array of strings Host Uuids || vm\_ids | Array of strings VM IDs || vm\_names | Array of strings VM Names || storage\_container\_names | Array of strings Storage Container Names |

### Responses

#### 200

Successful operation

get/protection\_domains/unprotected\_vms

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/unprotected\_vms

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/unprotected_vms \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
- {
  - "acropolis\_vm": true,
  - "alert\_summary": {
  - "alert\_summaries": {
    - "property1": {
    - "entities": [
      - {
      - "acknowledged": true,
      - "acknowledged\_by\_username": "string",
      - "acknowledged\_time\_stamp\_in\_usecs": 0,
      - "affected\_entities": [



- {
- "entity\_name": null,
- "entity\_type": null,
- "entity\_type\_display\_name": null,
- "id": null,
- "uuid": null}},
- "alert\_details": {
  - "metric\_details": [
    - null],
  - "severity\_trails": [
    - null]],
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": null,
    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,
    - "details": null,
    - "has\_global\_details": null,
    - "id": null,
    - "num\_resolved\_count": null,
    - "parent\_cause\_id": null,
    - "title": null,
    - "troubleshooting\_steps": null]],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",

- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
  - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": null,
    - "entity\_type": null,
    - "entity\_type\_display\_name": null,
    - "id": null,
    - "uuid": null}},
- "alert\_details": {
  - "metric\_details": [
  - null],
  - "severity\_trails": [
  - null]],
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",

- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": null,
    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,
    - "details": null,
    - "has\_global\_details": null,
    - "id": null,
    - "num\_resolved\_count": null,
    - "parent\_cause\_id": null,
    - "title": null,
    - "troubleshooting\_steps": null}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
  - "count": 0},
  - "cluster\_uuid": "string",
  - "consistency\_group\_name": "string",
  - "container\_ids": [
    - "string"],
  - "container\_uuids": [
    - "string"],
  - "control\_domain": true,
  - "controller\_vm": true,
  - "cpu\_reserved\_in\_hz": 0,
  - "description": "string",
  - "disk\_capacity\_in\_bytes": 0,
  - "displayable": true,
  - "finger\_print\_on\_write": "NONE",

- "gpus\_in\_use": true,
- "guest\_operating\_system": "string",
- "health\_summary": {
- "entity\_type\_summaries": [
  - {
  - "checks\_in\_error": {
    - "property1": {
    - "cluster\_level": [
      - {
      - "entity\_name": null,
      - "entity\_uuid": null,
      - "message": null}},
    - "node\_level": [
      - {
      - "entity\_name": null,
      - "entity\_uuid": null,
      - "message": null}}},
    - "property2": {
    - "cluster\_level": [
      - {
      - "entity\_name": null,
      - "entity\_uuid": null,
      - "message": null}},
    - "node\_level": [
      - {
      - "entity\_name": null,
      - "entity\_uuid": null,
      - "message": null}}}},
    - "detailed\_check\_summary": {
      - "property1": {
      - "property1": 0,
      - "property2": 0}},
      - "property2": {
        - "property1": 0,
        - "property2": 0}},
    - "entity\_type": "PAGE",
    - "filter\_criteria": "string",
    - "health\_summary": {
      - "property1": 0,
      - "property2": 0}}},
  - "health\_check\_summaries": {
    - "property1": {
    - "attribute\_map": {
      - "property1": "string",
      - "property2": "string"},
    - "executed\_time\_stamp\_in\_usecs": 0,
    - "health\_status": "Critical",
    - "id": "string",
    - "score": 0},
    - "property2": {
    - "attribute\_map": {
      - "property1": "string",
      - "property2": "string"},
    - "executed\_time\_stamp\_in\_usecs": 0,
    - "health\_status": "Critical",
    - "id": "string",
    - "score": 0}},
  - "health\_status": "Critical",
  - "host\_id": "string",

- "host\_name": "string",
- "host\_uuid": "string",
- "hypervisor\_type": "string",
- "ip\_addresses": [
- "string"],
- "memory\_capacity\_in\_bytes": 0,
- "memory\_reserved\_capacity\_in\_bytes": 0,
- "non\_ndfs\_details": "string",
- "num\_network\_adapters": 0,
- "num\_vcpus": 0,
- "nutanix\_guest\_tools": {
- "applications": {
  - "property1": true,
  - "property2": true},
- "cluster\_version": "string",
- "communication\_link\_active": true,
- "enabled": true,
- "installed\_version": "string",
- "to\_remove": true,
- "tools\_mounted": true,
- "vm\_id": "string",
- "vm\_name": "string",
- "vm\_uuid": "string"},
- "nutanix\_virtual\_disk\_ids": [
- "string"],
- "nutanix\_virtual\_disk\_uuids": [
- "string"],
- "nutanix\_virtual\_disks": [
- "string"],
- "on\_disk\_dedup": "NONE",
- "power\_state": "string",
- "protection\_domain\_name": "string",
- "protection\_type": "string",
- "running\_on\_ndfs": true,
- "stats": {
- "property1": "string",
- "property2": "string"},
- "storage\_container\_ids": [
- "string"],
- "storage\_container\_uuids": [
- "string"],
- "usage\_stats": {
- "property1": "string",
- "property2": "string"},
- "uuid": "string",
- "vdisk\_file\_paths": [
- "string"],
- "vdisk\_names": [
- "string"],
- "virtual\_gpu\_uuids": [
- "string"],
- "virtual\_nic\_ids": [
- "string"],
- "virtual\_nic\_uuids": [
- "string"],
- "vm\_features": {
- "property1": true,
- "property2": true},
- "vm\_id": "string",

```
    • "vm_name": "string",
    • "vm_type": "string"]},
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}`
```

## Get the Data Protection status for all Protection Domains.

### Responses

200

Successful operation

get/protection\_domains/status

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/status

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/status \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "active_replications": true,
  • "pd_suspended_schedules_map": {
  • "property1": true,
```

- "property2": true}

}`

**Get the list of alerts generated on a specified Protection Domain.**

**path Parameters**

| | | | --- | --- | | name required | string Name of the Protection Domain |

**query Parameters**

| | | | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of alerts | | resolved | boolean Alerts which have been resolved | | acknowledged | boolean Alerts which have been acknowledged | | severity | string Alert severities | | alert\_type\_uuid | string Alert type ids | | page | integer Page number |

**Responses**

**200**

Successful operation

get/protection\_domains/{name}/alerts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/alerts

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "acknowledged": true,
      "acknowledged_by_username": "string",
      "acknowledged_time_stamp_in_usecs": 0,
      "affected_entities": [
        {
          "entity_name": "string",
          "entity_type": "string",
          "entity_type_display_name": "string",
          "id": "string",
          "uuid": "string"}],
      "alert_details": {
```

- "metric\_details": [
  - {
  - "comparison\_operator": "string",
  - "condition\_type": "STATIC\_THRESHOLD",
  - "data\_type": "LONG",
  - "entity\_id": "string",
  - "entity\_type": "string",
  - "metric\_category": "string",
  - "metric\_display\_name": "string",
  - "metric\_name": "string",
  - "metric\_value\_details": [
    - {
    - "metric\_threshold\_value": "string",
    - "metric\_value": "string",
    - "state\_change\_time\_stamp\_in\_usecs": 0}},
    - "unit": "string"]},
- "severity\_trails": [
  - {
  - "severity": "string",
  - "severity\_change\_timestamp\_in\_usecs": 0}},
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
  - "actions": "string",
  - "additional\_links": "string",
  - "alert\_namespace": "string",
  - "cause": "string",
  - "chart\_queries": {
  - "entities": [
    - {



- "actions": "string",
- "alerts": "string",
- "cadmus": "string",
- "entities": "string",
- "help": "string",
- "metadata": {
  - "entity\_type": "PAGE",
  - "filters": [
    - null],
  - "instances": [
    - null],
  - "title": "string"},
- "perspectives": [
  - {
    - "format": null,
    - "metadata": null,
    - "query": null,
    - "result": null,
    - "type": null}}],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "details": "string",
- "has\_global\_details": true,
- "id": "string",
- "num\_resolved\_count": 0,
- "parent\_cause\_id": "string",
- "title": "string",
- "troubleshooting\_steps": "string"}],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,

```
• "next_cursor": "string",
• "page": 0,
• "previous_cursor": "string",
• "search_string": "string",
• "sort_criteria": "string",
• "start_index": 0,
• "total_entities": 0}

}`
```

## Get the list of alerts generated on any Protection Domain.

### query Parameters

||| | --- | --- || start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of alerts | | resolved | boolean Alerts which have been resolved | | acknowledged | boolean Alerts which have been acknowledged | | severity | string Alert severities | | alert\_type\_uuid | string Alert type ids | | page | integer Page number |

### Responses

200

Successful operation

get/protection\_domains/alerts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/alerts

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
• "entities": [
• {
• "acknowledged": true,
• "acknowledged_by_username": "string",
• "acknowledged_time_stamp_in_usecs": 0,
• "affected_entities": [
• {
• "entity_name": "string",
• "entity_type": "string",
• "entity_type_display_name": "string",
```

- "id": "string",
- "uuid": "string"]],
- "alert\_details": {
- "metric\_details": [
  - {
  - "comparison\_operator": "string",
  - "condition\_type": "STATIC\_THRESHOLD",
  - "data\_type": "LONG",
  - "entity\_id": "string",
  - "entity\_type": "string",
  - "metric\_category": "string",
  - "metric\_display\_name": "string",
  - "metric\_name": "string",
  - "metric\_value\_details": [
    - {
    - "metric\_threshold\_value": "string",
    - "metric\_value": "string",
    - "state\_change\_time\_stamp\_in\_usecs": 0]],
  - "unit": "string"]],
- "severity\_trails": [
  - {
  - "severity": "string",
  - "severity\_change\_timestamp\_in\_usecs": 0]]],
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
  - "actions": "string",
  - "additional\_links": "string",
  - "alert\_namespace": "string",
  - "cause": "string",

- "chart\_queries": {
- "entities": [
  - {
  - "actions": "string",
  - "alerts": "string",
  - "cadmus": "string",
  - "entities": "string",
  - "help": "string",
  - "metadata": {
    - "entity\_type": "PAGE",
    - "filters": [
      - null],
      - "instances": [
        - null],
        - "title": "string"},
    - "perspectives": [
      - {
        - "format": null,
        - "metadata": null,
        - "query": null,
        - "result": null,
        - "type": null}}],
  - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
    - "message": "string"},
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}},
  - "details": "string",
  - "has\_global\_details": true,
  - "id": "string",
  - "num\_resolved\_count": 0,
  - "parent\_cause\_id": "string",
  - "title": "string",
  - "troubleshooting\_steps": "string"}],
  - "resolved": true,
  - "resolved\_by\_username": "string",
  - "resolved\_time\_stamp\_in\_usecs": 0,
  - "service\_vmid": "string",
  - "severity": "string",
  - "user\_defined": true}},
  - "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
  - "metadata": {
    - "count": 0,

- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

}`

**Get the list of events generated on a specified Protection Domain.**

**path Parameters**

| | | | --- | --- | | name required | string Name of the Protection Domain |

**query Parameters**

| | | | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of events | | acknowledged | boolean Events which have been acknowledged | | page | integer Page number |

**Responses**

**200**

Successful operation

get/protection\_domains/{name}/events

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/events

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/events \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "acknowledged": true,
      "acknowledged_by_username": "string",
      "acknowledged_time_stamp_in_usecs": 0,
```

- "affected\_entities": [
- {
  - "entity\_name": "string",
  - "entity\_type": "string",
  - "entity\_type\_display\_name": "string",
  - "id": "string",
  - "uuid": "string"]],
- "alert\_details": {
- "metric\_details": [
  - {
    - "comparison\_operator": "string",
    - "condition\_type": "STATIC\_THRESHOLD",
    - "data\_type": "LONG",
    - "entity\_id": "string",
    - "entity\_type": "string",
    - "metric\_category": "string",
    - "metric\_display\_name": "string",
    - "metric\_name": "string",
    - "metric\_value\_details": [
      - {
        - "metric\_threshold\_value": "string",
        - "metric\_value": "string",
        - "state\_change\_time\_stamp\_in\_usecs": 0}],
    - "unit": "string"]],
  - "severity\_trails": [
    - {
      - "severity": "string",
      - "severity\_change\_timestamp\_in\_usecs": 0}}],
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
    - "string"],
    - "check\_id": "string",
    - "classifications": [
    - "string"],
    - "cluster\_uuid": "string",
    - "context\_types": [
    - "string"],
    - "context\_values": [
    - "string"],
    - "created\_time\_stamp\_in\_usecs": 0,
    - "detailed\_message": "string",
    - "entity\_ids": [
    - "string"],
    - "entity\_types": [
    - "string"],
    - "entity\_uuids": [
    - "string"],
    - "id": "string",
    - "impact": "string",
    - "impact\_types": [
    - "string"],
    - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
    - "message": "string",
    - "node\_uuid": "string",
    - "operation\_type": "string",
    - "originating\_cluster\_uuid": "string",
    - "possible\_causes": [

- {
  - "actions": "string",
  - "additional\_links": "string",
  - "alert\_namespace": "string",
  - "cause": "string",
  - "chart\_queries": {
  - "entities": [
    - {
      - "actions": "string",
      - "alerts": "string",
      - "cadmus": "string",
      - "entities": "string",
      - "help": "string",
      - "metadata": {
        - "entity\_type": "PAGE",
        - "filters": [
          - null],
        - "instances": [
          - null],
        - "title": "string"},
      - "perspectives": [
        - {
          - "format": null,
          - "metadata": null,
          - "query": null,
          - "result": null,
          - "type": null}}],
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,
      - "next\_cursor": "string",
      - "page": 0,
      - "previous\_cursor": "string",
      - "search\_string": "string",
      - "sort\_criteria": "string",
      - "start\_index": 0,
      - "total\_entities": 0}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"]],
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},
  - "error\_info": {
    - "count": 0,

```
• "entity_list": [  
  • "string"],  
• "message": "string"},  
• "metadata": {  
• "count": 0,  
• "end_index": 0,  
• "filter_criteria": "string",  
• "grand_total_entities": 0,  
• "next_cursor": "string",  
• "page": 0,  
• "previous_cursor": "string",  
• "search_string": "string",  
• "sort_criteria": "string",  
• "start_index": 0,  
• "total_entities": 0}  
}`
```

## Get the list of events generated on any Protection Domain.

### query Parameters

||| | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of events | | acknowledged | boolean Events which have been acknowledged | | page | integer Page number |

### Responses

#### 200

Successful operation

get/protection\_domains/events

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/events

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/events \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \  
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{  
  
• "entities": [  
• {  
  • "acknowledged": true,
```



- [illegible]

- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
- {
  - "actions": "string",
  - "additional\_links": "string",
  - "alert\_namespace": "string",
  - "cause": "string",
  - "chart\_queries": {
  - "entities": [
    - {
      - "actions": "string",
      - "alerts": "string",
      - "cadmus": "string",
      - "entities": "string",
      - "help": "string",
      - "metadata": {
        - "entity\_type": "PAGE",
        - "filters": [
          - null],
          - "instances": [
            - null],
            - "title": "string"},
        - "perspectives": [
          - {
            - "format": null,
            - "metadata": null,
            - "query": null,
            - "result": null,
            - "type": null}}],
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
        - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,
      - "next\_cursor": "string",
      - "page": 0,
      - "previous\_cursor": "string",
      - "search\_string": "string",
      - "sort\_criteria": "string",
      - "start\_index": 0,
      - "total\_entities": 0}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"}],
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},

```

    • "error_info": {
    • "count": 0,
    • "entity_list": [
      • "string"],
    • "message": "string"},
    • "metadata": {
    • "count": 0,
    • "end_index": 0,
    • "filter_criteria": "string",
    • "grand_total_entities": 0,
    • "next_cursor": "string",
    • "page": 0,
    • "previous_cursor": "string",
    • "search_string": "string",
    • "sort_criteria": "string",
    • "start_index": 0,
    • "total_entities": 0}
  }`

```

**Get the list of Out-Of-Band schedules in a Protection Domain.**

Get the list of Out-Of-Band schedules in a Protection Domain with the specified name.

**path Parameters**

```

| | | | --- | --- | | name required | string Name of the Protection Domain |

```

**Responses**

**200**

Successful operation

```

get/protection_domains/{name}/oob_schedules

```

```

https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/oob_schedules

```

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/oob_schedules \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \
...

```

**Response samples**

- 200

Content type

```

application/json

```

Copy

Expand all Collapse all

```

`[

```

```

    • {
    • "pd_name": "string",
    • "schedule_map": {
      • "property1": {
        • "app_consistent": true,
        • "remote_site_names": [
          • "string"],
        • "schedule_id": 0,
        • "schedule_start_time_usecs": 0,
        • "snapshot_retention_time_secs": 0},
      • "property2": {
        • "app_consistent": true,
        • "remote_site_names": [
          • "string"],
        • "schedule_id": 0,
        • "schedule_start_time_usecs": 0,
        • "snapshot_retention_time_secs": 0}}}
  ]

```

**Get the list of Out-Of-Band schedules in Protection Domains.**

Get the list of Out-Of-Band schedules in Protection Domains configured in the cluster.

**query Parameters**

| | | | --- | --- | | protection\_domain\_names | Array of strings Names of Protection Domains |

**Responses**

**200**

Successful operation

get/protection\_domains/oob\_schedules

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/oob\_schedules

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

... curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/oob_schedules \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
...

```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

`[

```
• {
• "pd_name": "string",
• "schedule_map": {
•   "property1": {
•     "app_consistent": true,
•     "remote_site_names": [
•       "string"],
•     "schedule_id": 0,
•     "schedule_start_time_usecs": 0,
•     "snapshot_retention_time_secs": 0},
•   "property2": {
•     "app_consistent": true,
•     "remote_site_names": [
•       "string"],
•     "schedule_id": 0,
•     "schedule_start_time_usecs": 0,
•     "snapshot_retention_time_secs": 0}}}
• }
```

## Get the list of Protection Domains.

Get the list of Protection Domains configured in the cluster.

### query Parameters

||| | --- | --- || names | Array of strings Protection Domain names || metro\_avail | boolean Metro Availability Protection Domain || vstore\_name | string vStore name || remote\_site\_name | string Remote Site name || remote\_site\_to\_forward | string Remote Site to forward || include\_deleted | boolean Include deleted || projection | string Projections on the attributes |

### Responses

#### 200

Successful operation

get/protection\_domains

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

{

- ```

"entities": [
  {
    "active": true,
    "alert_summary": {
    "alert_summaries": {
      "property1": {
      "entities": [
        {
          "acknowledged": true,
          "acknowledged_by_username": "string",
          "acknowledged_time_stamp_in_usecs": 0,
          "affected_entities": [
            {
              "entity_name": null,
              "entity_type": null,
              "entity_type_display_name": null,
              "id": null,
              "uuid": null}],
          "alert_details": {
            "metric_details": [
              null],
            "severity_trails": [
              null]},
          "alert_title": "string",
          "alert_type_uuid": "string",
          "auto_resolved": true,
          "categories": [
            "string"],
          "check_id": "string",
          "classifications": [
            "string"],
          "cluster_uuid": "string",
          "context_types": [
            "string"],
          "context_values": [
            "string"],
          "created_time_stamp_in_usecs": 0,
          "detailed_message": "string",
          "entity_ids": [
            "string"],
          "entity_types": [
            "string"],
          "entity_uuids": [
            "string"],
          "id": "string",
          "impact": "string",
          "impact_types": [
            "string"],
          "last_occurrence_time_stamp_in_usecs": 0,
          "message": "string",
          "node_uuid": "string",
          "operation_type": "string",
          "originating_cluster_uuid": "string",
          "possible_causes": [
            {
              "actions": null,
              "additional_links": null,

```

- "alert\_namespace": null,
- "cause": null,
- "chart\_queries": null,
- "details": null,
- "has\_global\_details": null,
- "id": null,
- "num\_resolved\_count": null,
- "parent\_cause\_id": null,
- "title": null,
- "troubleshooting\_steps": null}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"}},
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}},
    - "property2": {
    - "entities": [
      - {
      - "acknowledged": true,
      - "acknowledged\_by\_username": "string",
      - "acknowledged\_time\_stamp\_in\_usecs": 0,
      - "affected\_entities": [
        - {
        - "entity\_name": null,
        - "entity\_type": null,
        - "entity\_type\_display\_name": null,
        - "id": null,
        - "uuid": null}},
        - "alert\_details": {
          - "metric\_details": [
            - null],
          - "severity\_trails": [
            - null}},
            - "alert\_title": "string",
            - "alert\_type\_uuid": "string",
            - "auto\_resolved": true,
            - "categories": [
              - "string"],
            - "check\_id": "string",
            - "classifications": [
              - "string"],

- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": null,
    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,
    - "details": null,
    - "has\_global\_details": null,
    - "id": null,
    - "num\_resolved\_count": null,
    - "parent\_cause\_id": null,
    - "title": null,
    - "troubleshooting\_steps": null}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},



- "count": 0},
- "annotations": [
- "string"],
- "cron\_schedules": [
- {
  - "app\_consistent": true,
  - "duration\_in\_usecs": 0,
  - "end\_time\_in\_usecs": 0,
  - "every\_nth": 0,
  - "id": "string",
  - "is\_rollup\_sched": true,
  - "pd\_name": "string",
  - "retention\_policy": {
  - "default\_local\_retention": 0,
  - "default\_remote\_retention": 0,
  - "local\_max\_snapshots": 0,
  - "local\_retention\_period": 0,
  - "local\_retention\_type": "NUM\_SNAPSHOTS",
  - "remote\_max\_snapshots": {
  - "property1": 0,
  - "property2": 0},
  - "remote\_retention\_period": {
  - "property1": 0,
  - "property2": 0},
  - "remote\_retention\_type": {
  - "property1": "NUM\_SNAPSHOTS",
  - "property2": "NUM\_SNAPSHOTS"}},
  - "rollup\_schedule\_uuid": "string",
  - "start\_times\_in\_usecs": [
  - 0],
  - "suspended": true,
  - "timezone\_offset": 0,
  - "type": "SECONDLY",
  - "user\_start\_time\_in\_usecs": 0,
  - "values": [
  - 0]],
- "health\_summary": {
- "entity\_type\_summaries": [
- {
- "checks\_in\_error": {
- "property1": {
- "cluster\_level": [
- {
- "entity\_name": null,
- "entity\_uuid": null,
- "message": null}},
- "node\_level": [
- {
- "entity\_name": null,
- "entity\_uuid": null,
- "message": null}}},
- "property2": {
- "cluster\_level": [
- {
- "entity\_name": null,
- "entity\_uuid": null,
- "message": null}},
- "node\_level": [
- {

- "entity\_name": null,
- "entity\_uuid": null,
- "message": null}}}},
- "detailed\_check\_summary": {
  - "property1": {
  - "property1": 0,
  - "property2": 0},
  - "property2": {
  - "property1": 0,
  - "property2": 0}},
- "entity\_type": "PAGE",
- "filter\_criteria": "string",
- "health\_summary": {
  - "property1": 0,
  - "property2": 0}},
- "health\_check\_summaries": {
  - "property1": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0},
  - "property2": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0}},
- "health\_status": "Critical"},
- "hybrid\_schedules\_count": 0,
- "marked\_for\_removal": true,
- "metro\_avail": {
- "container": "string",
- "failure\_handling": "NONE",
- "per\_vm\_consistency": true,
- "remote\_site": "string",
- "role": "ACTIVE",
- "skip\_clones\_check": true,
- "status": "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS",
- "storage\_container": "string",
- "timeout": 10,
- "vm\_agnostic\_snapshots": true},
- "min\_snapshot\_to\_retain": 0,
- "name": "string",
- "next\_snapshot\_time\_usecs": 0,
- "nfs\_files": [
- {
  - "consistency\_group": "string",
  - "nfs\_file\_path": "string",
  - "nfs\_handle": 0}},
- "ongoing\_replication\_count": 0,
- "pending\_replication\_count": 0,
- "remote\_site\_names": [
- "string"],
- "replication\_links": [

- {
  - "current\_replicating\_snapshot\_id": "string",
  - "current\_replicating\_snapshot\_total\_bytes": 0,
  - "current\_replicating\_snapshot\_transmitted\_bytes": 0,
  - "id": "string",
  - "last\_replication\_end\_time\_in\_usecs": 0,
  - "last\_replication\_start\_time\_in\_usecs": 0,
  - "last\_successful\_replication\_snapshot\_id": "string",
  - "protection\_domain\_name": "string",
  - "remote\_site\_name": "string",
  - "stats": {
    - "property1": "string",
    - "property2": "string"}}},
    - "schedules\_suspended": true,
    - "stats": {
      - "property1": "string",
      - "property2": "string"},
    - "sync\_replications": [
      - {
        - "id": "string",
        - "protection\_domain\_name": "string",
        - "remote\_site\_name": "string",
        - "stats": {
          - "property1": "string",
          - "property2": "string"}}},
    - "total\_user\_written\_bytes": 0,
    - "usage\_stats": {
      - "property1": "string",
      - "property2": "string"},
    - "vms": [
      - {
        - "app\_consistent\_snapshots": true,
        - "consistency\_group": "string",
        - "related\_entity\_uuids": [
          - "string"],
        - "vm\_files": [
          - "string"],
        - "vm\_handle": 0,
        - "vm\_id": "string",
        - "vm\_name": "string",
        - "vm\_power\_state\_on\_recovery": "Powered Off",
        - "vm\_recoverability": [
          - {
            - "cerebro\_error": "string",
            - "reason": "string",
            - "remote\_site": "string"}}},
    - "volume\_groups": [
      - {
        - "consistency\_group": "string",
        - "name": "string",
        - "nfs\_file\_paths": [
          - "string"],
        - "related\_entity\_uuids": [
          - "string"],
        - "volume\_group\_uuid": "string"}},
    - "vstore\_id": 0}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [

```
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}`
```

## Get the list of Snapshots in a Protection Domain.

Get the list of Snapshots created in a specified Protection Domain.

### path Parameters

| | | | --- | --- | | name required | string Name of the Protection Domain |

### query Parameters

| | | | --- | --- | | count | integer Number of DR Snapshots to retrieve | | filter\_criteria | string Filter criteria | | sort\_criteria | string Sort criteria | | full\_details | boolean Whether to include consistency group / vm details | | oob\_schedule\_ids | Array of integers [ items ] OOB Schedule Ids for filtering |

## Responses

### 200

Successful operation

get/protection\_domains/{name}/dr\_snapshots

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/dr\_snapshots

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/dr_snapshots \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
- {
  - "consistency\_groups": [
  - "string"],
  - "exclusive\_usage\_in\_bytes": 0,
  - "located\_remote\_site\_name": "string",
  - "missing\_entities": [
  - {
    - "cg\_name": "string",
    - "entity\_name": "string",
    - "entity\_type": "string"}],
    - "nfs\_files": [
    - {
      - "consistency\_group": "string",
      - "nfs\_file\_path": "string",
      - "nfs\_handle": 0}},
      - "oob\_schedule\_ids": [
      - 0],
      - "protection\_domain\_name": "string",
      - "remote\_site\_names": [
      - "string"],
      - "size\_in\_bytes": 0,
      - "snapshot\_create\_time\_usecs": 0,
      - "snapshot\_expiry\_time\_usecs": 0,
      - "snapshot\_id": "string",
      - "snapshot\_uuid": "string",
      - "state": "EXPIRED",
      - "vms": [
      - {
        - "app\_consistent\_snapshots": true,
        - "consistency\_group": "string",
        - "related\_entity\_uuids": [
        - "string"],
        - "vm\_files": [
        - "string"],
        - "vm\_handle": 0,
        - "vm\_id": "string",
        - "vm\_name": "string",
        - "vm\_power\_state\_on\_recovery": "Powered Off",
        - "vm\_recoverability": [
        - {
          - "cerebro\_error": "string",
          - "reason": "string",
          - "remote\_site": "string"}]]],
          - "volume\_groups": [
          - {
            - "consistency\_group": "string",
            - "name": "string",
            - "nfs\_file\_paths": [
            - "string"],
            - "related\_entity\_uuids": [
            - "string"],
            - "volume\_group\_uuid": "string"}]]],
            - "error\_info": {
            - "count": 0,
            - "entity\_list": [
            - "string"],
            - "message": "string"},
            - "metadata": {

- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

}`

## Get the list of Snapshots.

Get the list of Snapshots created in Protection Domains.

### query Parameters

||| | --- | --- || count | integer Number of DR Snapshots to retrieve || filter\_criteria | string Filter criteria || sort\_criteria | string Sort criteria || full\_details | boolean Whether to include consistency group / vm details |

### Responses

#### 200

Successful operation

get/protection\_domains/dr\_snapshots

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/dr\_snapshots

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/dr_snapshots \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "entities": [
- {
  - "consistency\_groups": [
  - "string"],
  - "exclusive\_usage\_in\_bytes": 0,

- "located\_remote\_site\_name": "string",
- "missing\_entities": [
- {
  - "cg\_name": "string",
  - "entity\_name": "string",
  - "entity\_type": "string"}],
  - "nfs\_files": [
  - {
    - "consistency\_group": "string",
    - "nfs\_file\_path": "string",
    - "nfs\_handle": 0}},
    - "oob\_schedule\_ids": [
    - 0],
    - "protection\_domain\_name": "string",
    - "remote\_site\_names": [
    - "string"],
    - "size\_in\_bytes": 0,
    - "snapshot\_create\_time\_usecs": 0,
    - "snapshot\_expiry\_time\_usecs": 0,
    - "snapshot\_id": "string",
    - "snapshot\_uuid": "string",
    - "state": "EXPIRED",
    - "vms": [
    - {
      - "app\_consistent\_snapshots": true,
      - "consistency\_group": "string",
      - "related\_entity\_uuids": [
      - "string"],
      - "vm\_files": [
      - "string"],
      - "vm\_handle": 0,
      - "vm\_id": "string",
      - "vm\_name": "string",
      - "vm\_power\_state\_on\_recovery": "Powered Off",
      - "vm\_recoverability": [
      - {
        - "cerebro\_error": "string",
        - "reason": "string",
        - "remote\_site": "string"}]]],
        - "volume\_groups": [
        - {
          - "consistency\_group": "string",
          - "name": "string",
          - "nfs\_file\_paths": [
          - "string"],
          - "related\_entity\_uuids": [
          - "string"],
          - "volume\_group\_uuid": "string"}]]],
          - "error\_info": {
          - "count": 0,
          - "entity\_list": [
          - "string"],
          - "message": "string"},
          - "metadata": {
          - "count": 0,
          - "end\_index": 0,
          - "filter\_criteria": "string",
          - "grand\_total\_entities": 0,
          - "next\_cursor": "string",

- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

}`

## Get the stats for a specified Protection Domain.

If start time and end time are included in the query string, then historical stats are retrieved. Otherwise, the latest stats are retrieved.

### path Parameters

||| | --- | --- || name required | string Name of the Protection Domain |

### query Parameters

||| | --- | --- || metrics required | Array of strings List of metrics | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | interval\_in\_secs | integer Sampling interval of stats |

## Responses

### 200

Successful operation

get/protection\_domains/{name}/stats

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/stats

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/stats \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "stats\_specific\_responses": [
- {
  - "interval\_in\_secs": 0,
  - "message": "string",
  - "metric": "string",
  - "start\_time\_in\_usecs": 0,
  - "successful": true,



- "values": [
- 0]]]

```
}`
```

## get/protection\_domains/{name}/sra\_state/getProtectionDomainState

### path Parameters

```
| | | | --- | --- | | name required | string |
```

### Responses

#### 200

Successful operation

```
get/protection_domains/{name}/sra_state
```

```
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/sra_state
```

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/sra_state \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

```
application/json
```

Copy

```
{`
```

- "value": "string"

```
`}
```

## get/protection\_domains/{name}/track\_oob\_schedule/{id}/trackReplicationForOobSchedule

### path Parameters

```
| | | | --- | --- | | name required | string | | id required | integer |
```

### Responses

#### 200

Successful operation

```
get/protection_domains/{name}/track_oob_schedule/{id}
```

```
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/track_oob_schedule/{id}
```

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/track_oob_schedule/{id} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
`
`
`

```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```

`{
  "entities": [
    {
      "aborted": true,
      "completed_bytes": 0,
      "completed_percentage": 0.1,
      "id": 0,
      "paused": true,
      "protection_domain_name": "string",
      "remote_site_name": "string",
      "replication_time_to_complete_secs": 0,
      "sender": true,
      "snapshot_id": "string",
      "start_replication_time_usecs": 0}],
    "error_info": {
      "count": 0,
      "entity_list": [
        "string"],
      "message": "string"},
      "metadata": {
        "count": 0,
        "end_index": 0,
        "filter_criteria": "string",
        "grand_total_entities": 0,
        "next_cursor": "string",
        "page": 0,
        "previous_cursor": "string",
        "search_string": "string",
        "sort_criteria": "string",
        "start_index": 0,
        "total_entities": 0}
  }
`

```

Migrate an active Protection Domain to a DR site.

Mark the specified Protection domain as inactive and failover to the given Remote Site.

path Parameters

||| | --- | --- || name required | string Name of the Protection Domain |

query Parameters

||| | --- | --- || skip\_vm\_mobility\_check | boolean Flag to specify whether mobility check has to be skipped |

Request Body schema: application/json required

Name of the Remote Site

||| | --- | --- || value | string |

Responses

200

Successful operation

post/protection\_domains/{name}/migrate

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/migrate

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

curl --request POST \ --url https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/migrate \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": "string" }'

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "app_consistent_snapshots": true,
      "consistency_group": "string",
      "related_entity_uuids": [
        "string"],
      "vm_files": [
        "string"],
      "vm_handle": 0,
      "vm_id": "string",
      "vm_name": "string",
      "vm_power_state_on_recovery": "Powered Off",
      "vm_recoverability": [
        {
          "cerebro_error": "string",
          "reason": "string",
```

```
      • "remote_site": "string"]]]],
• "error_info": {
• "count": 0,
• "entity_list": [
  • "string"],
• "message": "string"},
• "metadata": {
• "count": 0,
• "end_index": 0,
• "filter_criteria": "string",
• "grand_total_entities": 0,
• "next_cursor": "string",
• "page": 0,
• "previous_cursor": "string",
• "search_string": "string",
• "sort_criteria": "string",
• "start_index": 0,
• "total_entities": 0}
}`
```

## post/protection\_domains/{name}/add\_entities/addEntitiesToProtectionDomain

### path Parameters

| | | | --- | --- | | name required | string |

### Request Body schema: application/json

| | | | --- | --- | | app\_consistent\_snapshots | boolean | | consistency\_group\_name | string | | ctr\_id | string | | ctr\_uuid | string | | file\_paths | Array of strings | | force | boolean | | host\_id | string | | host\_uuid | string | | ignore\_dup\_or\_missing\_vms | boolean | | protect\_related\_entities | boolean | | protection\_domain\_name | string | | vm\_add\_remove\_type | string Enum: "LISTED\_VMS" "CTR\_VMS" "HOST\_VMS" "NO\_VMS" | | vm\_ids | Array of strings | | vm\_names | Array of strings | | vm\_uuids | Array of strings | | volume\_group\_uuids | Array of strings |

### Responses

#### 200

Successful operation

post/protection\_domains/{name}/add\_entities

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/add\_entities

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

#### Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/add_entities \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \ --data '{ "app_consistent_snapshots": true,
"consistency_group_name": "string", "ctr_id": "string", "ctr_uuid": "string", "file_paths": [ "string" ], "force":
true, "host_id": "string", "host_uuid": "string", "ignore_dup_or_missing_vms": true, "protect_related_entities": true,
"protection_domain_name": "string", "vm_add_remove_type": "LISTED_VMS", "vm_ids": [ "string" ], "vm_names": [ "string"
], "vm_uuids": [ "string" ], "volume_group_uuids": [ "string" ] }'
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "active": true,
  • "alert_summary": {
  • "alert_summaries": {
    • "property1": {
    • "entities": [
      • {
      • "acknowledged": true,
      • "acknowledged_by_username": "string",
      • "acknowledged_time_stamp_in_usecs": 0,
      • "affected_entities": [
        • {
        • "entity_name": "string",
        • "entity_type": "string",
        • "entity_type_display_name": "string",
        • "id": "string",
        • "uuid": "string"}],
      • "alert_details": {
        • "metric_details": [
          • {
            • "comparison_operator": "string",
            • "condition_type": "STATIC_THRESHOLD",
            • "data_type": "LONG",
            • "entity_id": "string",
            • "entity_type": "string",
            • "metric_category": "string",
            • "metric_display_name": "string",
            • "metric_name": "string",
            • "metric_value_details": [
              • null,
              • "unit": "string"}],
          • "severity_trails": [
            • {
              • "severity": "string",
              • "severity_change_timestamp_in_usecs": 0}}],
        • "alert_title": "string",
        • "alert_type_uuid": "string",
        • "auto_resolved": true,
        • "categories": [
          • "string",
          • "check_id": "string",
          • "classifications": [
            • "string",
            • "cluster_uuid": "string",
            • "context_types": [
              • "string",
              • "context_values": [
                • "string",
                • "created_time_stamp_in_usecs": 0,
                • "detailed_message": "string",
                • "entity_ids": [
                  • "string",
```

- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
        - "details": "string",
        - "has\_global\_details": true,
        - "id": "string",
        - "num\_resolved\_count": 0,
        - "parent\_cause\_id": "string",
        - "title": "string",
        - "troubleshooting\_steps": "string"}},
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,

- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}],
- "alert\_details": {
  - "metric\_details": [
    - {
      - "comparison\_operator": "string",
      - "condition\_type": "STATIC\_THRESHOLD",
      - "data\_type": "LONG",
      - "entity\_id": "string",
      - "entity\_type": "string",
      - "metric\_category": "string",
      - "metric\_display\_name": "string",
      - "metric\_name": "string",
      - "metric\_value\_details": [
        - null],
      - "unit": "string"}],
    - "severity\_trails": [
      - {
        - "severity": "string",
        - "severity\_change\_timestamp\_in\_usecs": 0}}],
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
      - "string"],
    - "check\_id": "string",
    - "classifications": [
      - "string"],
    - "cluster\_uuid": "string",
    - "context\_types": [
      - "string"],
    - "context\_values": [
      - "string"],
    - "created\_time\_stamp\_in\_usecs": 0,
    - "detailed\_message": "string",
    - "entity\_ids": [
      - "string"],
    - "entity\_types": [
      - "string"],

- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
        - "details": "string",
        - "has\_global\_details": true,
        - "id": "string",
        - "num\_resolved\_count": 0,
        - "parent\_cause\_id": "string",
        - "title": "string",
        - "troubleshooting\_steps": "string"}},
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,



- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}}},
- "count": 0},
- "annotations": [
- "string"],
- "cron\_schedules": [
- {
  - "app\_consistent": true,
  - "duration\_in\_usecs": 0,
  - "end\_time\_in\_usecs": 0,
  - "every\_nth": 0,
  - "id": "string",
  - "is\_rollup\_sched": true,
  - "pd\_name": "string",
  - "retention\_policy": {
  - "default\_local\_retention": 0,
  - "default\_remote\_retention": 0,
  - "local\_max\_snapshots": 0,
  - "local\_retention\_period": 0,
  - "local\_retention\_type": "NUM\_SNAPSHOTS",
  - "remote\_max\_snapshots": {
    - "property1": 0,
    - "property2": 0},
    - "remote\_retention\_period": {
      - "property1": 0,
      - "property2": 0},
      - "remote\_retention\_type": {
        - "property1": "NUM\_SNAPSHOTS",
        - "property2": "NUM\_SNAPSHOTS"}},
        - "rollup\_schedule\_uuid": "string",
        - "start\_times\_in\_usecs": [
        - 0],
        - "suspended": true,
        - "timezone\_offset": 0,
        - "type": "SECONDLY",
        - "user\_start\_time\_in\_usecs": 0,
        - "values": [
        - 0]],
  - "health\_summary": {
  - "entity\_type\_summaries": [
  - {
  - "checks\_in\_error": {
  - "property1": {
  - "cluster\_level": [
  - {
  - "entity\_name": "string",
  - "entity\_uuid": "string",
  - "message": "string"}},
  - "node\_level": [
  - {
  - "entity\_name": "string",
  - "entity\_uuid": "string",
  - "message": "string"}},
  - "property2": {

- "cluster\_level": [
  - {
    - "entity\_name": "string",
    - "entity\_uuid": "string",
    - "message": "string"}},
  - "node\_level": [
    - {
      - "entity\_name": "string",
      - "entity\_uuid": "string",
      - "message": "string"}]]],
  - "detailed\_check\_summary": {
    - "property1": {
      - "property1": 0,
      - "property2": 0},
    - "property2": {
      - "property1": 0,
      - "property2": 0}},
    - "entity\_type": "PAGE",
    - "filter\_criteria": "string",
    - "health\_summary": {
      - "property1": 0,
      - "property2": 0}},
  - "health\_check\_summaries": {
    - "property1": {
      - "property1": "string",
      - "property2": "string"},
    - "executed\_time\_stamp\_in\_usecs": 0,
    - "health\_status": "Critical",
    - "id": "string",
    - "score": 0},
    - "property2": {
      - "property1": "string",
      - "property2": "string"},
    - "attribute\_map": {
      - "property1": "string",
      - "property2": "string"},
    - "executed\_time\_stamp\_in\_usecs": 0,
    - "health\_status": "Critical",
    - "id": "string",
    - "score": 0}},
  - "health\_status": "Critical"},
  - "hybrid\_schedules\_count": 0,
  - "marked\_for\_removal": true,
  - "metro\_avail": {
    - "container": "string",
    - "failure\_handling": "NONE",
    - "per\_vm\_consistency": true,
    - "remote\_site": "string",
    - "role": "ACTIVE",
    - "skip\_clones\_check": true,
    - "status": "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS",
    - "storage\_container": "string",
    - "timeout": 10,
    - "vm\_agnostic\_snapshots": true},
    - "min\_snapshot\_to\_retain": 0,
    - "name": "string",
    - "next\_snapshot\_time\_usecs": 0,
    - "nfs\_files": [
      - {
        - "consistency\_group": "string",

- "nfs\_file\_path": "string",
- "nfs\_handle": 0}},
- "ongoing\_replication\_count": 0,
- "pending\_replication\_count": 0,
- "remote\_site\_names": [
- "string"],
- "replication\_links": [
- {
- "current\_replicating\_snapshot\_id": "string",
- "current\_replicating\_snapshot\_total\_bytes": 0,
- "current\_replicating\_snapshot\_transmitted\_bytes": 0,
- "id": "string",
- "last\_replication\_end\_time\_in\_usecs": 0,
- "last\_replication\_start\_time\_in\_usecs": 0,
- "last\_successful\_replication\_snapshot\_id": "string",
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "stats": {
- "property1": "string",
- "property2": "string"}}},
- "schedules\_suspended": true,
- "stats": {
- "property1": "string",
- "property2": "string"},
- "sync\_replications": [
- {
- "id": "string",
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "stats": {
- "property1": "string",
- "property2": "string"}}},
- "total\_user\_written\_bytes": 0,
- "usage\_stats": {
- "property1": "string",
- "property2": "string"},
- "vms": [
- {
- "app\_consistent\_snapshots": true,
- "consistency\_group": "string",
- "related\_entity\_uuids": [
- "string"],
- "vm\_files": [
- "string"],
- "vm\_handle": 0,
- "vm\_id": "string",
- "vm\_name": "string",
- "vm\_power\_state\_on\_recovery": "Powered Off",
- "vm\_recoverability": [
- {
- "cerebro\_error": "string",
- "reason": "string",
- "remote\_site": "string"}}},
- "volume\_groups": [
- {
- "consistency\_group": "string",
- "name": "string",
- "nfs\_file\_paths": [
- "string"],

```
    • "related_entity_uuids": [  
    • "string"],  
    • "volume_group_uuid": "string"}],  
  • "vstore_id": 0  
}`
```

## post/protection\_domains/{name}/dr\_snapshots/remove\_list/removeSnapshots

### path Parameters

| | | | --- | --- | | name required | string |

### Request Body schema: application/json

Array

string

### Responses

#### 200

Successful operation

post/protection\_domains/{name}/dr\_snapshots/remove\_list

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/dr\_snapshots/remove\_list

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/dr_snapshots/remove_list \ --header 'Accept:  
application/json' \ --header 'Content-Type: application/json' \  
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{  
  
  • "value": true  
}`
```

## post/protection\_domains/{name}/dr\_snapshots/retain\_list/retainSnapshots

### path Parameters

| | | | --- | --- | | name required | string |

### Request Body schema: application/json

Array

string

Responses

200

Successful operation

post/protection\_domains/{name}/dr\_snapshots/retain\_list

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/dr\_snapshots/retain\_list

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/dr_snapshots/retain_list \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": true
}`
```

post/protection\_domains/{name}/oob\_schedules/remove\_list/removeOutOfBandSchedules

path Parameters

| | | | --- | --- | | name required | string |

Request Body schema: application/json

List of a periodic schedule ids

Array

integer

Responses

200

Successful operation

post/protection\_domains/{name}/oob\_schedules/remove\_list

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/oob\_schedules/remove\_list

Request samples

- cURL
- Wget

- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/oob_schedules/remove_list \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

## post/protection\_domains/{name}/remove\_entities/removeEntitiesFromProtectionDomain

### path Parameters

||| | --- | --- || name required | string |

### Request Body schema: application/json

||| | --- | --- || app\_consistent\_snapshots | boolean | | consistency\_group\_name | string | | ctr\_id | string | | ctr\_uuid | string | | file\_paths | Array of strings | | force | boolean | | host\_id | string | | host\_uuid | string | | ignore\_dup\_or\_missing\_vms | boolean | | protect\_related\_entities | boolean | | protection\_domain\_name | string | | vm\_add\_remove\_type | string Enum: "LISTED\_VMS" "CTR\_VMS" "HOST\_VMS" "NO\_VMS" | | vm\_ids | Array of strings | | vm\_names | Array of strings | | vm\_uuids | Array of strings | | volume\_group\_uuids | Array of strings |

## Responses

### 200

Successful operation

post/protection\_domains/{name}/remove\_entities

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/remove\_entities

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/remove_entities \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "app_consistent_snapshots": true, "consistency_group_name": "string", "ctr_id": "string", "ctr_uuid": "string", "file_paths": [ "string" ], "force": true, "host_id": "string", "host_uuid": "string", "ignore_dup_or_missing_vms": true, "protect_related_entities": true, "protection_domain_name": "string", "vm_add_remove_type": "LISTED_VMS", "vm_ids": [ "string" ], "vm_names": [ "string" ], "vm_uuids": [ "string" ], "volume_group_uuids": [ "string" ] }'
```

## Response samples

$\}$ 

```

"active": true,
• "alert_summary": {
• "alert_summaries": {
• "property1": {
• "entities": [
• {
• "acknowledged": true,
• "acknowledged_by_username": "string",
• "acknowledged_time_stamp_in_usecs": 0,
• "affected_entities": [
• {
• "entity_name": "string",
• "entity_type": "string",
• "entity_type_display_name": "string",
• "id": "string",
• "uuid": "string"}],
• "alert_details": {
• "metric_details": [
• {
• "comparison_operator": "string",
• "condition_type": "STATIC_THRESHOLD",
• "data_type": "LONG",
• "entity_id": "string",
• "entity_type": "string",
• "metric_category": "string",
• "metric_display_name": "string",
• "metric_name": "string",
• "metric_value_details": [
• null,
• "unit": "string"}],
• "severity_trails": [
• {
• "severity": "string",
• "severity_change_timestamp_in_usecs": 0}},
• "alert_title": "string",
• "alert_type_uuid": "string",
• "auto_resolved": true,
• "categories": [
• "string"],
• "check_id": "string",
• "classifications": [
• "string"],
• "cluster_uuid": "string",
• "context_types": [
• "string"],
• "context_values": [
• "string"],
• "created_time_stamp_in_usecs": 0,
• "detailed_message": "string",

```

- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
        - "details": "string",
        - "has\_global\_details": true,
        - "id": "string",
        - "num\_resolved\_count": 0,
        - "parent\_cause\_id": "string",
        - "title": "string",
        - "troubleshooting\_steps": "string"}],
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {



- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}},
  - "alert\_details": {
    - "metric\_details": [
      - {
        - "comparison\_operator": "string",
        - "condition\_type": "STATIC\_THRESHOLD",
        - "data\_type": "LONG",
        - "entity\_id": "string",
        - "entity\_type": "string",
        - "metric\_category": "string",
        - "metric\_display\_name": "string",
        - "metric\_name": "string",
        - "metric\_value\_details": [
          - null],
        - "unit": "string"}},
      - "severity\_trails": [
        - {
          - "severity": "string",
          - "severity\_change\_timestamp\_in\_usecs": 0}}},
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
      - "string"],
    - "check\_id": "string",
    - "classifications": [
      - "string"],
    - "cluster\_uuid": "string",
    - "context\_types": [
      - "string"],
    - "context\_values": [
      - "string"],
    - "created\_time\_stamp\_in\_usecs": 0,
    - "detailed\_message": "string",
    - "entity\_ids": [
      - "string"],

- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
        - "details": "string",
        - "has\_global\_details": true,
        - "id": "string",
        - "num\_resolved\_count": 0,
        - "parent\_cause\_id": "string",
        - "title": "string",
        - "troubleshooting\_steps": "string"}},
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,

- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}}},
- "count": 0},
- "annotations": [
- "string"],
- "cron\_schedules": [
- {
  - "app\_consistent": true,
  - "duration\_in\_usecs": 0,
  - "end\_time\_in\_usecs": 0,
  - "every\_nth": 0,
  - "id": "string",
  - "is\_rollup\_sched": true,
  - "pd\_name": "string",
  - "retention\_policy": {
  - "default\_local\_retention": 0,
  - "default\_remote\_retention": 0,
  - "local\_max\_snapshots": 0,
  - "local\_retention\_period": 0,
  - "local\_retention\_type": "NUM\_SNAPSHOTS",
  - "remote\_max\_snapshots": {
  - "property1": 0,
  - "property2": 0},
  - "remote\_retention\_period": {
  - "property1": 0,
  - "property2": 0},
  - "remote\_retention\_type": {
  - "property1": "NUM\_SNAPSHOTS",
  - "property2": "NUM\_SNAPSHOTS"}},
  - "rollup\_schedule\_uuid": "string",
  - "start\_times\_in\_usecs": [
  - 0],
  - "suspended": true,
  - "timezone\_offset": 0,
  - "type": "SECONDLY",
  - "user\_start\_time\_in\_usecs": 0,
  - "values": [
  - 0]]},
  - "health\_summary": {
  - "entity\_type\_summaries": [
  - {
  - "checks\_in\_error": {
  - "property1": {
  - "cluster\_level": [
  - {
  - "entity\_name": "string",
  - "entity\_uuid": "string",
  - "message": "string"}},
  - "node\_level": [
  - {
  - "entity\_name": "string",
  - "entity\_uuid": "string",

- "message": "string"]}],
- "property2": {
- "cluster\_level": [
  - {
  - "entity\_name": "string",
  - "entity\_uuid": "string",
  - "message": "string"]}],
  - "node\_level": [
    - {
    - "entity\_name": "string",
    - "entity\_uuid": "string",
    - "message": "string"]}]},
    - "detailed\_check\_summary": {
      - "property1": {
      - "property1": 0,
      - "property2": 0},
      - "property2": {
      - "property1": 0,
      - "property2": 0}},
      - "entity\_type": "PAGE",
      - "filter\_criteria": "string",
      - "health\_summary": {
        - "property1": 0,
        - "property2": 0}},
    - "health\_check\_summaries": {
      - "property1": {
      - "attribute\_map": {
        - "property1": "string",
        - "property2": "string"},
        - "executed\_time\_stamp\_in\_usecs": 0,
        - "health\_status": "Critical",
        - "id": "string",
        - "score": 0},
        - "property2": {
        - "attribute\_map": {
          - "property1": "string",
          - "property2": "string"},
          - "executed\_time\_stamp\_in\_usecs": 0,
          - "health\_status": "Critical",
          - "id": "string",
          - "score": 0}},
          - "health\_status": "Critical"},
          - "hybrid\_schedules\_count": 0,
          - "marked\_for\_removal": true,
          - "metro\_avail": {
          - "container": "string",
          - "failure\_handling": "NONE",
          - "per\_vm\_consistency": true,
          - "remote\_site": "string",
          - "role": "ACTIVE",
          - "skip\_clones\_check": true,
          - "status": "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS",
          - "storage\_container": "string",
          - "timeout": 10,
          - "vm\_agnostic\_snapshots": true},
          - "min\_snapshot\_to\_retain": 0,
          - "name": "string",
          - "next\_snapshot\_time\_usecs": 0,
          - "nfs\_files": [

- {
  - "consistency\_group": "string",
  - "nfs\_file\_path": "string",
  - "nfs\_handle": 0}},
- "ongoing\_replication\_count": 0,
- "pending\_replication\_count": 0,
- "remote\_site\_names": [
- "string"],
- "replication\_links": [
- {
  - "current\_replicating\_snapshot\_id": "string",
  - "current\_replicating\_snapshot\_total\_bytes": 0,
  - "current\_replicating\_snapshot\_transmitted\_bytes": 0,
  - "id": "string",
  - "last\_replication\_end\_time\_in\_usecs": 0,
  - "last\_replication\_start\_time\_in\_usecs": 0,
  - "last\_successful\_replication\_snapshot\_id": "string",
  - "protection\_domain\_name": "string",
  - "remote\_site\_name": "string",
  - "stats": {
    - "property1": "string",
    - "property2": "string"}}},
  - "schedules\_suspended": true,
  - "stats": {
    - "property1": "string",
    - "property2": "string"},
  - "sync\_replications": [
  - {
    - "id": "string",
    - "protection\_domain\_name": "string",
    - "remote\_site\_name": "string",
    - "stats": {
      - "property1": "string",
      - "property2": "string"}}},
  - "total\_user\_written\_bytes": 0,
  - "usage\_stats": {
    - "property1": "string",
    - "property2": "string"},
  - "vms": [
  - {
    - "app\_consistent\_snapshots": true,
    - "consistency\_group": "string",
    - "related\_entity\_uuids": [
      - "string"],
    - "vm\_files": [
      - "string"],
    - "vm\_handle": 0,
    - "vm\_id": "string",
    - "vm\_name": "string",
    - "vm\_power\_state\_on\_recovery": "Powered Off",
    - "vm\_recoverability": [
      - {
        - "cerebro\_error": "string",
        - "reason": "string",
        - "remote\_site": "string"}}},
  - "volume\_groups": [
  - {
    - "consistency\_group": "string",
    - "name": "string",

```
    • "nfs_file_paths": [  
    • "string"],  
    • "related_entity_uuids": [  
    • "string"],  
    • "volume_group_uuid": "string"}},  
  • "vstore_id": 0  
}
```

## post/protection\_domains/{name}/schedules/add\_list/addCronSchedules

### path Parameters

| | | | --- | --- | | name required | string |

### Request Body schema: application/json

Array

| | | | --- | --- | | app\_consistent | boolean | | duration\_in\_usecs | integer | | end\_time\_in\_usecs | integer | | every\_nth | integer | | id | string | | is\_rollup\_sched | boolean | | pd\_name | string | | retention\_policy | object (create.dto.dr.RetentionPolicyDTO) | | rollup\_schedule\_uuid | string | | start\_times\_in\_usecs | Array of integers [ items ] | | suspended | boolean | | timezone\_offset | integer | | type | string Enum: "SECONDLY" "MINUTELY" "HOURLY" "DAILY" "WEEKLY" "MONTHLY" | | user\_start\_time\_in\_usecs | integer | | values | Array of integers [ items ] |

### Responses

#### 200

Successful operation

post/protection\_domains/{name}/schedules/add\_list

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/schedules/add\_list

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/schedules/add_list \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \  
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[  
  
  • {  
  • "app_consistent": true,  
  • "duration_in_usecs": 0,  
  • "end_time_in_usecs": 0,  
  • "every_nth": 0,
```

- "id": "string",
- "is\_rollup\_sched": true,
- "pd\_name": "string",
- "retention\_policy": {
  - "default\_local\_retention": 0,
  - "default\_remote\_retention": 0,
  - "local\_max\_snapshots": 0,
  - "local\_retention\_period": 0,
  - "local\_retention\_type": "NUM\_SNAPSHOTS",
  - "remote\_max\_snapshots": {
    - "property1": 0,
    - "property2": 0},
    - "remote\_retention\_period": {
      - "property1": 0,
      - "property2": 0},
      - "remote\_retention\_type": {
        - "property1": "NUM\_SNAPSHOTS",
        - "property2": "NUM\_SNAPSHOTS"}}},
  - "rollup\_schedule\_uuid": "string",
  - "start\_times\_in\_usecs": [
    - 0],
  - "suspended": true,
  - "timezone\_offset": 0,
  - "type": "SECONDLY",
  - "user\_start\_time\_in\_usecs": 0,
  - "values": [
    - 0}}

]

## post/protection\_domains/{name}/schedules/remove\_list/removeCronSchedules

### path Parameters

| | | | --- | --- | | name required | string |

### Request Body schema: application/json

Array

string

### Responses

#### 200

Successful operation

post/protection\_domains/{name}/schedules/remove\_list

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/schedules/remove\_list

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/schedules/remove_list \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

...

## Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
}`
```

## post/protection\_domains/{name}/validate\_migrate/validatePdMigration

### path Parameters

| | | | --- | --- | | name required | string Name of the Protection Domain |

### Request Body schema: application/json

List of the names of the remote sites

Array

string

## Responses

### 200

Successful operation

post/protection\_domains/{name}/validate\_migrate

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/validate\_migrate

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/validate_migrate \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

...

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```



```

    • "entities": [
    • {
        • "cluster_id": 0,
        • "error_code": "string",
        • "error_message": "string",
        • "remote_network_mapping_configured": true,
        • "remote_site_name": "string",
        • "un_recoverable_vms": [
        • {
            • "app_consistent_snapshots": true,
            • "consistency_group": "string",
            • "related_entity_uuids": [
            • "string"],
            • "vm_files": [
            • "string"],
            • "vm_handle": 0,
            • "vm_id": "string",
            • "vm_name": "string",
            • "vm_power_state_on_recovery": "Powered Off",
            • "vm_recoverability": [
            • {
                • "cerebro_error": "string",
                • "reason": "string",
                • "remote_site": "string"}}}],
        • "error_info": {
        • "count": 0,
        • "entity_list": [
            • "string"],
        • "message": "string"},
        • "metadata": {
        • "count": 0,
        • "end_index": 0,
        • "filter_criteria": "string",
        • "grand_total_entities": 0,
        • "next_cursor": "string",
        • "page": 0,
        • "previous_cursor": "string",
        • "search_string": "string",
        • "sort_criteria": "string",
        • "start_index": 0,
        • "total_entities": 0}
    • }
}

```

### Promotes to active Metro Availability role for a specific protection domain.

Promotes to active Metro Availability role for a specific protection domain.

#### path Parameters

||| | --- | --- || pd\_name required | string Name of the Protection Domain |

#### query Parameters

||| | --- | --- || skip\_remote\_check | boolean Skip checking remote Protection Domain || force | boolean Force to perform the action |

### Responses

#### 200

Successful operation

post/protection\_domains/{pd\_name}/promote

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/protection\\_domains/{pd\\_name}/promote](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{pd_name}/promote)

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{pd_name}/promote \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
'''
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

}

- [illegible]

- "severity": "string",
- "severity\_change\_timestamp\_in\_usecs": 0}},
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
    - "details": "string",
    - "has\_global\_details": true,

- "id": "string",
- "num\_resolved\_count": 0,
- "parent\_cause\_id": "string",
- "title": "string",
- "troubleshooting\_steps": "string"}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}},
- "alert\_details": {
  - "metric\_details": [
    - {
      - "comparison\_operator": "string",
      - "condition\_type": "STATIC\_THRESHOLD",
      - "data\_type": "LONG",
      - "entity\_id": "string",
      - "entity\_type": "string",
      - "metric\_category": "string",
      - "metric\_display\_name": "string",
      - "metric\_name": "string",
      - "metric\_value\_details": [
        - null],
      - "unit": "string"}},
  - "severity\_trails": [
    - {
      - "severity": "string",
      - "severity\_change\_timestamp\_in\_usecs": 0}}},

- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
  - "chart\_queries": {
    - "entities": [
      - null],
    - "error\_info": {
      - "count": null,
      - "entity\_list": [ ],
      - "message": null},
      - "metadata": {
        - "count": null,
        - "end\_index": null,
        - "filter\_criteria": null,
        - "grand\_total\_entities": null,
        - "next\_cursor": null,
        - "page": null,
        - "previous\_cursor": null,
        - "search\_string": null,
        - "sort\_criteria": null,
        - "start\_index": null,
        - "total\_entities": null}},
  - "details": "string",
  - "has\_global\_details": true,
  - "id": "string",
  - "num\_resolved\_count": 0,

- "parent\_cause\_id": "string",
  - "title": "string",
  - "troubleshooting\_steps": "string"]},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true]],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
- "count": 0),
- "annotations": [
  - "string"],
- "cron\_schedules": [
  - {
    - "app\_consistent": true,
    - "duration\_in\_usecs": 0,
    - "end\_time\_in\_usecs": 0,
    - "every\_nth": 0,
    - "id": "string",
    - "is\_rollup\_sched": true,
    - "pd\_name": "string",
    - "retention\_policy": {
      - "default\_local\_retention": 0,
      - "default\_remote\_retention": 0,
      - "local\_max\_snapshots": 0,
      - "local\_retention\_period": 0,
      - "local\_retention\_type": "NUM\_SNAPSHOTS",
      - "remote\_max\_snapshots": {
        - "property1": 0,
        - "property2": 0},
      - "remote\_retention\_period": {
        - "property1": 0,
        - "property2": 0},
      - "remote\_retention\_type": {
        - "property1": "NUM\_SNAPSHOTS",
        - "property2": "NUM\_SNAPSHOTS"}},
      - "rollup\_schedule\_uuid": "string",
      - "start\_times\_in\_usecs": [
        - 0],
      - "suspended": true,
      - "timezone\_offset": 0,
      - "type": "SECONDLY",

- "user\_start\_time\_in\_usecs": 0,
- "values": [
- 0]],
- "health\_summary": {
- "entity\_type\_summaries": [
- {
- "checks\_in\_error": {
- "property1": {
- "cluster\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]],
- "node\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]],
- "property2": {
- "cluster\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]],
- "node\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]],
- "detailed\_check\_summary": {
- "property1": {
- "property1": 0,
- "property2": 0},
- "property2": {
- "property1": 0,
- "property2": 0}},
- "entity\_type": "PAGE",
- "filter\_criteria": "string",
- "health\_summary": {
- "property1": 0,
- "property2": 0}},
- "health\_check\_summaries": {
- "property1": {
- "attribute\_map": {
- "property1": "string",
- "property2": "string"},
- "executed\_time\_stamp\_in\_usecs": 0,
- "health\_status": "Critical",
- "id": "string",
- "score": 0},
- "property2": {
- "attribute\_map": {
- "property1": "string",
- "property2": "string"},
- "executed\_time\_stamp\_in\_usecs": 0,
- "health\_status": "Critical",
- "id": "string",
- "score": 0}},
- "health\_status": "Critical"},

- "hybrid\_schedules\_count": 0,
- "marked\_for\_removal": true,
- "metro\_avail": {
- "container": "string",
- "failure\_handling": "NONE",
- "per\_vm\_consistency": true,
- "remote\_site": "string",
- "role": "ACTIVE",
- "skip\_clones\_check": true,
- "status": "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS",
- "storage\_container": "string",
- "timeout": 10,
- "vm\_agnostic\_snapshots": true},
- "min\_snapshot\_to\_retain": 0,
- "name": "string",
- "next\_snapshot\_time\_usecs": 0,
- "nfs\_files": [
- {
- "consistency\_group": "string",
- "nfs\_file\_path": "string",
- "nfs\_handle": 0}},
- "ongoing\_replication\_count": 0,
- "pending\_replication\_count": 0,
- "remote\_site\_names": [
- "string"],
- "replication\_links": [
- {
- "current\_replicating\_snapshot\_id": "string",
- "current\_replicating\_snapshot\_total\_bytes": 0,
- "current\_replicating\_snapshot\_transmitted\_bytes": 0,
- "id": "string",
- "last\_replication\_end\_time\_in\_usecs": 0,
- "last\_replication\_start\_time\_in\_usecs": 0,
- "last\_successful\_replication\_snapshot\_id": "string",
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "stats": {
- "property1": "string",
- "property2": "string"}}},
- "schedules\_suspended": true,
- "stats": {
- "property1": "string",
- "property2": "string"},
- "sync\_replications": [
- {
- "id": "string",
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "stats": {
- "property1": "string",
- "property2": "string"}}},
- "total\_user\_written\_bytes": 0,
- "usage\_stats": {
- "property1": "string",
- "property2": "string"},
- "vms": [
- {
- "app\_consistent\_snapshots": true,
- "consistency\_group": "string",



```

    • "related_entity_uuids": [
    • "string"],
    • "vm_files": [
    • "string"],
    • "vm_handle": 0,
    • "vm_id": "string",
    • "vm_name": "string",
    • "vm_power_state_on_recovery": "Powered Off",
    • "vm_recoverability": [
    • {
        • "cerebro_error": "string",
        • "reason": "string",
        • "remote_site": "string")}]},
    • "volume_groups": [
    • {
        • "consistency_group": "string",
        • "name": "string",
        • "nfs_file_paths": [
        • "string"],
        • "related_entity_uuids": [
        • "string"],
        • "volume_group_uuid": "string"}],
    • "vstore_id": 0
}
`

```

## put/protection\_domains/{name}/min\_snapshots/updateMinSnapshots

### path Parameters

| | | | --- | --- | | name required | string |

### Request Body schema: application/json

| | | | --- | --- | | value | integer |

### Responses

#### 200

Successful operation

put/protection\_domains/{name}/min\_snapshots

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/min\_snapshots

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

curl --request PUT \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/min_snapshots \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": 0 }'

```

### Response samples

- 200

Content type

application/json

Copy

```
`{  
  
  • "value": true  
  
}`
```

**put/protection\_domains/{name}/schedules/resume/resumeCronSchedules**

**path Parameters**

| | | | --- | --- | | name required | string Name of the Protection Domain |

**Responses**

**200**

Successful operation

put/protection\_domains/{name}/schedules/resume

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/schedules/resume

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/schedules/resume \ --header 'Accept:  
application/json' \ --header 'Content-Type: application/json' \  
  
```
```

**Response samples**

- 200

Content type

application/json

Copy

```
`{  
  
  • "value": true  
  
}`
```

**put/protection\_domains/{name}/schedules/suspend/suspendCronSchedules**

**path Parameters**

| | | | --- | --- | | name required | string Name of the Protection Domain |

**Responses**

**200**

Successful operation

put/protection\_domains/{name}/schedules/suspend

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/schedules/suspend

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/schedules/suspend \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": true
}`
```

## put/protection\_domains/{name}/sra\_state/updateProtectionDomainState

### path Parameters

| | | | --- | --- | | name required | string |

### Request Body schema: application/json

| | | | --- | --- | | value | string |

### Responses

#### 200

Successful operation

put/protection\_domains/{name}/sra\_state

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/sra\_state

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/sra_state \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": "string" }'
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
}`
```

## Remove a snapshot schedule from a Protection Domain.

Remove a snapshot schedule from the specified Protection Domain.

### path Parameters

||| | --- | --- || pd\_name required | string Name of the Protection Domain | | id required | string Id of the snapshot schedule |

### Responses

#### 200

Successful operation

delete/protection\_domains/{pd\_name}/schedules/{id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{pd\_name}/schedules/{id}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{pd_name}/schedules/{id} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
}`
```

## Remove all snapshot schedules from a Protection Domain.

Remove all snapshot schedules from the specified ProtectionDomain.

### path Parameters

||| | --- | --- || pd\_name required | string Name of the Protection Domain |

Responses

200

Successful operation

delete/protection\_domains/{pd\_name}/schedules

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{pd\_name}/schedules

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{pd_name}/schedules \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

Remove Virtual Machines from a Protection Domain.

path Parameters

||| --- | --- || name required | string Name of the Protection Domain |

Request Body schema: application/json required

List of VMs

Array

string

Responses

200

Successful operation

post/protection\_domains/{name}/unprotect\_vms

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/unprotect\_vms

Request samples

- cURL
- Wget
- Python

- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/unprotect_vms \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ ```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "active": true,
  • "alert_summary": {
  • "alert_summaries": {
    • "property1": {
    • "entities": [
      • {
      • "acknowledged": true,
      • "acknowledged_by_username": "string",
      • "acknowledged_time_stamp_in_usecs": 0,
      • "affected_entities": [
        • {
        • "entity_name": "string",
        • "entity_type": "string",
        • "entity_type_display_name": "string",
        • "id": "string",
        • "uuid": "string"}],
      • "alert_details": {
        • "metric_details": [
        • {
          • "comparison_operator": "string",
          • "condition_type": "STATIC_THRESHOLD",
          • "data_type": "LONG",
          • "entity_id": "string",
          • "entity_type": "string",
          • "metric_category": "string",
          • "metric_display_name": "string",
          • "metric_name": "string",
          • "metric_value_details": [
            • null],
          • "unit": "string"}],
        • "severity_trails": [
        • {
          • "severity": "string",
          • "severity_change_timestamp_in_usecs": 0}}],
      • "alert_title": "string",
      • "alert_type_uuid": "string",
      • "auto_resolved": true,
      • "categories": [
        • "string"],
```

- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"}],
    - "resolved": true,
    - "resolved\_by\_username": "string",

- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
        - "entity\_name": "string",
        - "entity\_type": "string",
        - "entity\_type\_display\_name": "string",
        - "id": "string",
        - "uuid": "string"}}},
    - "alert\_details": {
      - "metric\_details": [
        - {
          - "comparison\_operator": "string",
          - "condition\_type": "STATIC\_THRESHOLD",
          - "data\_type": "LONG",
          - "entity\_id": "string",
          - "entity\_type": "string",
          - "metric\_category": "string",
          - "metric\_display\_name": "string",
          - "metric\_name": "string",
          - "metric\_value\_details": [
            - null],
          - "unit": "string"}}},
        - "severity\_trails": [
          - {
            - "severity": "string",
            - "severity\_change\_timestamp\_in\_usecs": 0}}},
      - "alert\_title": "string",
      - "alert\_type\_uuid": "string",
      - "auto\_resolved": true,
      - "categories": [
        - "string"],
      - "check\_id": "string",
      - "classifications": [



- "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"]},
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",

- "severity": "string",
- "user\_defined": true]],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"),
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
  - "count": 0},
  - "annotations": [
    - "string"],
  - "cron\_schedules": [
    - {
      - "app\_consistent": true,
      - "duration\_in\_usecs": 0,
      - "end\_time\_in\_usecs": 0,
      - "every\_nth": 0,
      - "id": "string",
      - "is\_rollup\_sched": true,
      - "pd\_name": "string",
      - "retention\_policy": {
        - "default\_local\_retention": 0,
        - "default\_remote\_retention": 0,
        - "local\_max\_snapshots": 0,
        - "local\_retention\_period": 0,
        - "local\_retention\_type": "NUM\_SNAPSHOTS",
        - "remote\_max\_snapshots": {
          - "property1": 0,
          - "property2": 0},
        - "remote\_retention\_period": {
          - "property1": 0,
          - "property2": 0},
        - "remote\_retention\_type": {
          - "property1": "NUM\_SNAPSHOTS",
          - "property2": "NUM\_SNAPSHOTS"}},
        - "rollup\_schedule\_uuid": "string",
        - "start\_times\_in\_usecs": [
          - 0],
        - "suspended": true,
        - "timezone\_offset": 0,
        - "type": "SECONDLY",
        - "user\_start\_time\_in\_usecs": 0,
        - "values": [
          - 0]]],
    - "health\_summary": {
    - "entity\_type\_summaries": [
      - {
        - "checks\_in\_error": {

- "property1": {
- "cluster\_level": [
  - {
  - "entity\_name": "string",
  - "entity\_uuid": "string",
  - "message": "string"}],
- "node\_level": [
  - {
  - "entity\_name": "string",
  - "entity\_uuid": "string",
  - "message": "string"}],
- "property2": {
- "cluster\_level": [
  - {
  - "entity\_name": "string",
  - "entity\_uuid": "string",
  - "message": "string"}],
- "node\_level": [
  - {
  - "entity\_name": "string",
  - "entity\_uuid": "string",
  - "message": "string"}],
- "detailed\_check\_summary": {
  - "property1": {
  - "property1": 0,
  - "property2": 0},
  - "property2": {
  - "property1": 0,
  - "property2": 0}},
- "entity\_type": "PAGE",
- "filter\_criteria": "string",
- "health\_summary": {
  - "property1": 0,
  - "property2": 0}},
- "health\_check\_summaries": {
  - "property1": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0},
  - "property2": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0}},
- "health\_status": "Critical"},
- "hybrid\_schedules\_count": 0,
- "marked\_for\_removal": true,
- "metro\_avail": {
- "container": "string",
- "failure\_handling": "NONE",
- "per\_vm\_consistency": true,
- "remote\_site": "string",

- "role": "ACTIVE",
- "skip\_clones\_check": true,
- "status": "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS",
- "storage\_container": "string",
- "timeout": 10,
- "vm\_agnostic\_snapshots": true},
- "min\_snapshot\_to\_retain": 0,
- "name": "string",
- "next\_snapshot\_time\_usecs": 0,
- "nfs\_files": [
- {
- "consistency\_group": "string",
- "nfs\_file\_path": "string",
- "nfs\_handle": 0}},
- "ongoing\_replication\_count": 0,
- "pending\_replication\_count": 0,
- "remote\_site\_names": [
- "string"],
- "replication\_links": [
- {
- "current\_replicating\_snapshot\_id": "string",
- "current\_replicating\_snapshot\_total\_bytes": 0,
- "current\_replicating\_snapshot\_transmitted\_bytes": 0,
- "id": "string",
- "last\_replication\_end\_time\_in\_usecs": 0,
- "last\_replication\_start\_time\_in\_usecs": 0,
- "last\_successful\_replication\_snapshot\_id": "string",
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "stats": {
- "property1": "string",
- "property2": "string"}},
- "schedules\_suspended": true,
- "stats": {
- "property1": "string",
- "property2": "string"},
- "sync\_replications": [
- {
- "id": "string",
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "stats": {
- "property1": "string",
- "property2": "string"}},
- "total\_user\_written\_bytes": 0,
- "usage\_stats": {
- "property1": "string",
- "property2": "string"},
- "vms": [
- {
- "app\_consistent\_snapshots": true,
- "consistency\_group": "string",
- "related\_entity\_uuids": [
- "string"],
- "vm\_files": [
- "string"],
- "vm\_handle": 0,
- "vm\_id": "string",
- "vm\_name": "string",

- "vm\_power\_state\_on\_recovery": "Powered Off",
- "vm\_recoverability": [
- {
  - "cerebro\_error": "string",
  - "reason": "string",
  - "remote\_site": "string"}}}],
  - "volume\_groups": [
  - {
    - "consistency\_group": "string",
    - "name": "string",
    - "nfs\_file\_paths": [
    - "string"],
    - "related\_entity\_uuids": [
    - "string"],
    - "volume\_group\_uuid": "string"]},
    - "vstore\_id": 0

}`

## Replace a snapshot schedule of a Protection Domain.

Replace a snapshot schedule of the specified Protection Domain.

### path Parameters

||| | --- | --- || pd\_name required | string Name of the Protection Domain | | id required | string Id of the snapshot schedule |

### Request Body schema: application/json required

A snapshot schedule instance

||| | --- | --- || app\_consistent | boolean || duration\_in\_usecs | integer || end\_time\_in\_usecs | integer || every\_nth | integer || id | string || is\_rollup\_sched | boolean || pd\_name | string || retention\_policy | object (update.dto.dr.RetentionPolicyDTO) || rollup\_schedule\_uuid | string || start\_times\_in\_usecs | Array of integers [ items ] || suspended | boolean || timezone\_offset | integer || type | string Enum: "SECONDLY" "MINUTELY" "HOURLY" "DAILY" "WEEKLY" "MONTHLY" || user\_start\_time\_in\_usecs | integer || values | Array of integers [ items ] |

### Responses

#### 200

Successful operation

put/protection\_domains/{pd\_name}/schedules/{id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{pd\_name}/schedules/{id}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

#### Copy

```
curl --request PUT \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{pd_name}/schedules/{id} \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' --data '{ "app_consistent": true, "duration_in_usecs":
0, "end_time_in_usecs": 0, "every_nth": 0, "id": "string", "is_rollup_sched": true, "pd_name": "string",
"retention_policy": { "default_local_retention": 0, "default_remote_retention": 0, "local_max_snapshots": 0,
"local_retention_period": 0, "local_retention_type": "NUM_SNAPSHOTS", "remote_max_snapshots": { "property1": 0,
"property2": 0 }, "remote_retention_period": { "property1": 0, "property2": 0 }, "remote_retention_type": {
"property1": "NUM_SNAPSHOTS", "property2": "NUM_SNAPSHOTS" } }, "rollup_schedule_uuid": "string",
"start_times_in_usecs": [ 0 ], "suspended": true, "timezone_offset": 0, "type": "SECONDLY", "user_start_time_in_usecs":
0, "values": [ 0 ] }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "app_consistent": true,
  • "duration_in_usecs": 0,
  • "end_time_in_usecs": 0,
  • "every_nth": 0,
  • "id": "string",
  • "is_rollup_sched": true,
  • "pd_name": "string",
  • "retention_policy": {
  • "default_local_retention": 0,
  • "default_remote_retention": 0,
  • "local_max_snapshots": 0,
  • "local_retention_period": 0,
  • "local_retention_type": "NUM_SNAPSHOTS",
  • "remote_max_snapshots": {
    • "property1": 0,
    • "property2": 0},
  • "remote_retention_period": {
    • "property1": 0,
    • "property2": 0},
  • "remote_retention_type": {
    • "property1": "NUM_SNAPSHOTS",
    • "property2": "NUM_SNAPSHOTS"}},
  • "rollup_schedule_uuid": "string",
  • "start_times_in_usecs": [
  • 0],
  • "suspended": true,
  • "timezone_offset": 0,
  • "type": "SECONDLY",
  • "user_start_time_in_usecs": 0,
  • "values": [
  • 0]
}`
```

Replicate Snapshot.

Replicate the given snapshot in a Protection Domain to a given remote site

path Parameters

||| | --- | --- || name required | string Name of the Protection Domain | | snapshot\_id required | string Snapshot Id |

Request Body schema: application/json required

Replicate request instance

||| | --- | --- || remote\_expiration\_time\_usecs | integer | | remote\_site\_name | string |

Responses

Successful operation

post/protection\_domains/{name}/snapshots/{snapshot\_id}/replicate

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/snapshots/{snapshot\_id}/replicate

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/snapshots/{snapshot_id}/replicate \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{
"remote_expiration_time_usecs": 0, "remote_site_name": "string" }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

## Restore Virtual Machines and/or NFS files.

Restore Virtual Machines and/or NFS files in a Protection Domain to a given Snapshot. This returns a ?File Group UUID? through which the restored entities can be managed. The assumption is that such restored entities are short lived and have to be deleted explicitly. The APIs under ?/file\_groups? namespace provide such management APIs.

Note that this API addresses a narrower use case and many users of Prism might not find it useful.

### path Parameters

||| | --- | --- || name required | string Name of the Protection Domain || snapshot\_id required | string Snapshot Id |

### Request Body schema: application/json required

Restore request instance

||| | --- | --- || nfs\_files | Array of strings || path\_prefix | string || replace | boolean || restore\_vm\_agnostic | boolean || snapshot\_id | string || vg\_name\_prefix | string || vm\_name\_prefix | string || vm\_names | Array of strings || vm\_uuids | Array of strings || volume\_group\_uuids | Array of strings |

### Responses

200

Successful operation

post/protection\_domains/{name}/snapshots/{snapshot\_id}/clone

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/snapshots/{snapshot\_id}/clone

### Request samples

- cURL
- Wget

- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/snapshots/{snapshot_id}/clone \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "nfs_files": [ "string" ],
"path_prefix": "string", "replace": true, "restore_vm_agnostic": true, "snapshot_id": "string", "vg_name_prefix":
"string", "vm_name_prefix": "string", "vm_names": [ "string" ], "vm_uuids": [ "string" ], "volume_group_uuids": [
"string" ] }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "error_details": {
    "entity_id": "string",
    "error_code": 0,
    "error_message": "string"},
  "file_clone_paths": [
    "string"],
  "file_group_uuid": "string",
  "protection_domain_name": "string",
  "snapshot_id": "string",
  "snapshot_uuid": "string",
  "state": "NOT_STARTED",
  "task_uuid": "string",
  "v_store_path_prefixes": [
    "string"],
  "vm_ids": [
    "string"]
}
```

Retain a snapshot.

Retain a snapshot of a Protection Domain.

path Parameters

||| |---| --- || protection\_domain\_name required | string Name of the Protection Domain | | snapshot\_id required | string Id of the snapshot |

Request Body schema: application/json required

Retention time in microseconds, If value is less than the current epoch time in microseconds, then it will delete this snapshot. To retain a snapshot forever give null or no value in the payload

||| |---| --- || value | integer |

Responses

200

Successful operation



post/protection\_domains/{protection\_domain\_name}/dr\_snapshots/{snapshot\_id}/retain

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{protection\_domain\_name}/dr\_snapshots/{snapshot\_id}/retain

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{protection_domain_name}/dr_snapshots/{snapshot_id} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": 0 }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

## Retrieve all snapshot schedules from a Protection Domain.

Retrieve all snapshot schedules from the specified Protection Domain.

### path Parameters

||| |---|---| | name required | string Name of the Protection Domain |

### query Parameters

||| |---|---| | timezone\_offset | integer Timezone offset in seconds w.r.t GMT |

### Responses

#### 200

Successful operation

get/protection\_domains/{name}/schedules

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/schedules

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/schedules \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

...

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
  • {
  • "app_consistent": true,
  • "duration_in_usecs": 0,
  • "end_time_in_usecs": 0,
  • "every_nth": 0,
  • "id": "string",
  • "is_rollup_sched": true,
  • "pd_name": "string",
  • "retention_policy": {
    • "default_local_retention": 0,
    • "default_remote_retention": 0,
    • "local_max_snapshots": 0,
    • "local_retention_period": 0,
    • "local_retention_type": "NUM_SNAPSHOTS",
    • "remote_max_snapshots": {
    • "property1": 0,
    • "property2": 0},
    • "remote_retention_period": {
    • "property1": 0,
    • "property2": 0},
    • "remote_retention_type": {
    • "property1": "NUM_SNAPSHOTS",
    • "property2": "NUM_SNAPSHOTS"}},
  • "rollup_schedule_uuid": "string",
  • "start_times_in_usecs": [
    • 0],
  • "suspended": true,
  • "timezone_offset": 0,
  • "type": "SECONDLY",
  • "user_start_time_in_usecs": 0,
  • "values": [
    • 0]}
]
```

Rollback an active Protection domain.

Rollback the specified active Protection domain to a given snapshot.

path Parameters

||| | --- | --- || name required | string Name of the Protection Domain |

Request Body schema: application/json required

Id of the snapshot

||| | --- | --- || value | string |

## Responses

### 200

Successful operation

post/protection\_domains/{name}/rollback

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/rollback

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/rollback \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": "string" }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

## Rollback Virtual Machines and/or NFS files.

Rollback Virtual Machines and/or NFS files in a Protection Domain to a given Snapshot

### path Parameters

||| |---|---| | name required | string Name of the Protection Domain |

### Request Body schema: application/json required

Restore request instance

||| |---|---| | nfs\_files | Array of strings | | path\_prefix | string | | replace | boolean | | restore\_vm\_agnostic | boolean | | snapshot\_id | string | | vg\_name\_prefix | string | | vm\_name\_prefix | string | | vm\_names | Array of strings | | vm\_uuids | Array of strings | | volume\_group\_uuids | Array of strings |

## Responses

### 200

Successful operation

### 500

Any internal exception while performing this operation

post/protection\_domains/{name}/restore\_entities

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{name}/restore\_entities

### Request samples

- cURL

- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{name}/restore_entities \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \ --data '{ "nfs_files": [ "string" ], "path_prefix":
"string", "replace": true, "restore_vm_agnostic": true, "snapshot_id": "string", "vg_name_prefix": "string",
"vm_name_prefix": "string", "vm_names": [ "string" ], "vm_uuids": [ "string" ], "volume_group_uuids": [ "string" ] }'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string",
  "value": true
}
```

## Set retention policies of a snapshot schedule of a Protection Domain.

Set retention policies of specified snapshot schedule from the specified Protection Domain.

### path Parameters

||| --- | --- || pd\_name required | string Name of the Protection Domain | | id required | string ID of the snapshot schedule |

### Request Body schema: application/json required

The retention policies instance

||| --- | --- || default\_local\_retention | integer || default\_remote\_retention | integer || local\_max\_snapshots | integer || local\_retention\_period | integer || local\_retention\_type | string Enum: "NUM\_SNAPSHOTS" "DAYS" "WEEKS" "MONTHS" || remote\_max\_snapshots | object || remote\_retention\_period | object || remote\_retention\_type | object |

## Responses

### 200

Successful operation

post/protection\_domains/{pd\_name}/schedules/{id}/retention\_policies

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{pd\_name}/schedules/{id}/retention\_policies

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{pd_name}/schedules/{id}/retention_policies
```

```
\ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{
"default_local_retention": 0, "default_remote_retention": 0, "local_max_snapshots": 0, "local_retention_period": 0,
"local_retention_type": "NUM_SNAPSHOTS", "remote_max_snapshots": { "property1": 0, "property2": 0 },
"remote_retention_period": { "property1": 0, "property2": 0 }, "remote_retention_type": { "property1": "NUM_SNAPSHOTS",
"property2": "NUM_SNAPSHOTS" } }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "app_consistent": true,
  "duration_in_usecs": 0,
  "end_time_in_usecs": 0,
  "every_nth": 0,
  "id": "string",
  "is_rollup_sched": true,
  "pd_name": "string",
  "retention_policy": {
    "default_local_retention": 0,
    "default_remote_retention": 0,
    "local_max_snapshots": 0,
    "local_retention_period": 0,
    "local_retention_type": "NUM_SNAPSHOTS",
    "remote_max_snapshots": {
      "property1": 0,
      "property2": 0
    },
    "remote_retention_period": {
      "property1": 0,
      "property2": 0
    },
    "remote_retention_type": {
      "property1": "NUM_SNAPSHOTS",
      "property2": "NUM_SNAPSHOTS"
    }
  },
  "rollup_schedule_uuid": "string",
  "start_times_in_usecs": [
    0
  ],
  "suspended": true,
  "timezone_offset": 0,
  "type": "SECONDLY",
  "user_start_time_in_usecs": 0,
  "values": [
    0
  ]
}
```

Update the state of the replication.

Update the state of the replication in a Protection Domain.

path Parameters

||| |---| --- || protection\_domain\_name required | string Name of the Protection Domain | | id required | integer Id of the replication |

Request Body schema: application/json required

One of pause, resume or abort

||| | --- | --- || value | string |

## Responses

### 200

Successful operation

put/protection\_domains/{protection\_domain\_name}/replications/{id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{protection\_domain\_name}/replications/{id}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{protection_domain_name}/replications/{id} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

## Updates Consistency Group for a specific protection domain.

Updates Consistency Group for a specific protection domain.

### path Parameters

||| | --- | --- || pd\_name required | string Name of the Protection Domain | | cg\_name required | string Name of the Consistency Group |

### Request Body schema: application/json required

Consistency group details

||| | --- | --- || app\_consistent\_snapshots | boolean | | consistency\_group\_name | string | | marked\_for\_removal | boolean | | nfs\_file\_count | integer | | protection\_domain\_name | string | | total\_file\_count | integer | | total\_file\_size\_bytes | integer | | vm\_count | integer | | within\_snapshot | boolean |

## Responses

### 200

Successful operation

### 500

Any internal exception while performing this operation

put/protection\_domains/{pd\_name}/consistency\_groups/{cg\_name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{pd\_name}/consistency\_groups/{cg\_name}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{pd_name}/consistency_groups/{cg_name} \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "app_consistent_snapshots":
true, "consistency_group_name": "string", "marked_for_removal": true, "nfs_file_count": 0, "protection_domain_name":
"string", "total_file_count": 0, "total_file_size_bytes": 0, "vm_count": 0, "within_snapshot": true }'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "app_consistent_snapshots": true,
  "consistency_group_name": "string",
  "marked_for_removal": true,
  "nfs_file_count": 0,
  "protection_domain_name": "string",
  "total_file_count": 0,
  "total_file_size_bytes": 0,
  "vm_count": 0,
  "within_snapshot": true
}
```

## Updates Metro Availability timeout for a specific protection domain.

Updates Metro Availability timeout for a specific protection domain.

### path Parameters

||| | --- | --- || pd\_name required | string Name of the Protection Domain |

### Request Body schema: application/json required

Metro Availability setting

||| | --- | --- || container | string || failure\_handling | string Enum: "NONE" "AUTOMATIC" "MANUAL" "WITNESS" "PENDING" || per\_vm\_consistency | boolean || remote\_site | string || role | string Enum: "ACTIVE" "STANDBY" "DEACTIVATED" || skip\_clones\_check | boolean || status | string Enum: "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS" "DISABLE\_METRO\_AVAIL\_IN\_PROGRESS" "PROMOTE\_METRO\_AVAIL\_IN\_PROGRESS" "DEMOTED\_METRO\_AVAIL\_IN\_PROGRESS" "REMOTE\_UNREACHABLE" "DECOUPLED" "SYNCHRONIZING" "ENABLED" "DISABLED" "SYNC\_INCOMPLETE" "PENDING" "ERROR" || storage\_container | string || timeout | integer [ 10 .. 30 ] || vm\_agnostic\_snapshots | boolean |

## Responses

### 200

Successful operation

put/protection\_domains/{pd\_name}/break\_replication\_timeout

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/protection\_domains/{pd\_name}/break\_replication\_timeout

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/protection_domains/{pd_name}/break_replication_timeout \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "container": "string",
"failure_handling": "NONE", "per_vm_consistency": true, "remote_site": "string", "role": "ACTIVE", "skip_clones_check":
true, "status": "ENABLE_METRO_AVAIL_IN_PROGRESS", "storage_container": "string", "timeout": 10,
"vm_agnostic_snapshots": true }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
• "active": true,
• "alert_summary": {
• "alert_summaries": {
• "property1": {
• "entities": [
• {
• "acknowledged": true,
• "acknowledged_by_username": "string",
• "acknowledged_time_stamp_in_usecs": 0,
• "affected_entities": [
• {
• "entity_name": "string",
• "entity_type": "string",
• "entity_type_display_name": "string",
• "id": "string",
• "uuid": "string"}],
• "alert_details": {
• "metric_details": [
• {
• "comparison_operator": "string",
• "condition_type": "STATIC_THRESHOLD",
• "data_type": "LONG",
• "entity_id": "string",
• "entity_type": "string",
• "metric_category": "string",
• "metric_display_name": "string",
• "metric_name": "string",
• "metric_value_details": [
• null],
• "unit": "string"}],
• "severity_trails": [
• {
```



- "severity": "string",
- "severity\_change\_timestamp\_in\_usecs": 0}},
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
    - "details": "string",
    - "has\_global\_details": true,

- "id": "string",
- "num\_resolved\_count": 0,
- "parent\_cause\_id": "string",
- "title": "string",
- "troubleshooting\_steps": "string"}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}},
- "alert\_details": {
  - "metric\_details": [
    - {
      - "comparison\_operator": "string",
      - "condition\_type": "STATIC\_THRESHOLD",
      - "data\_type": "LONG",
      - "entity\_id": "string",
      - "entity\_type": "string",
      - "metric\_category": "string",
      - "metric\_display\_name": "string",
      - "metric\_name": "string",
      - "metric\_value\_details": [
        - null],
      - "unit": "string"}},
  - "severity\_trails": [
    - {
      - "severity": "string",
      - "severity\_change\_timestamp\_in\_usecs": 0}}},

- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
  - "chart\_queries": {
    - "entities": [
      - null],
    - "error\_info": {
      - "count": null,
      - "entity\_list": [ ],
      - "message": null},
      - "metadata": {
        - "count": null,
        - "end\_index": null,
        - "filter\_criteria": null,
        - "grand\_total\_entities": null,
        - "next\_cursor": null,
        - "page": null,
        - "previous\_cursor": null,
        - "search\_string": null,
        - "sort\_criteria": null,
        - "start\_index": null,
        - "total\_entities": null}},
  - "details": "string",
  - "has\_global\_details": true,
  - "id": "string",
  - "num\_resolved\_count": 0,

- "parent\_cause\_id": "string",
  - "title": "string",
  - "troubleshooting\_steps": "string"]],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true]],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
- "count": 0),
- "annotations": [
  - "string"],
- "cron\_schedules": [
  - {
    - "app\_consistent": true,
    - "duration\_in\_usecs": 0,
    - "end\_time\_in\_usecs": 0,
    - "every\_nth": 0,
    - "id": "string",
    - "is\_rollup\_sched": true,
    - "pd\_name": "string",
    - "retention\_policy": {
      - "default\_local\_retention": 0,
      - "default\_remote\_retention": 0,
      - "local\_max\_snapshots": 0,
      - "local\_retention\_period": 0,
      - "local\_retention\_type": "NUM\_SNAPSHOTS",
      - "remote\_max\_snapshots": {
        - "property1": 0,
        - "property2": 0},
      - "remote\_retention\_period": {
        - "property1": 0,
        - "property2": 0},
      - "remote\_retention\_type": {
        - "property1": "NUM\_SNAPSHOTS",
        - "property2": "NUM\_SNAPSHOTS"}},
      - "rollup\_schedule\_uuid": "string",
      - "start\_times\_in\_usecs": [
        - 0],
      - "suspended": true,
      - "timezone\_offset": 0,
      - "type": "SECONDLY",

- "user\_start\_time\_in\_usecs": 0,
- "values": [
- 0]],
- "health\_summary": {
- "entity\_type\_summaries": [
- {
- "checks\_in\_error": {
- "property1": {
- "cluster\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]],
- "node\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]}],
- "property2": {
- "cluster\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]],
- "node\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]}],
- "detailed\_check\_summary": {
- "property1": {
- "property1": 0,
- "property2": 0},
- "property2": {
- "property1": 0,
- "property2": 0}},
- "entity\_type": "PAGE",
- "filter\_criteria": "string",
- "health\_summary": {
- "property1": 0,
- "property2": 0}},
- "health\_check\_summaries": {
- "property1": {
- "attribute\_map": {
- "property1": "string",
- "property2": "string"},
- "executed\_time\_stamp\_in\_usecs": 0,
- "health\_status": "Critical",
- "id": "string",
- "score": 0},
- "property2": {
- "attribute\_map": {
- "property1": "string",
- "property2": "string"},
- "executed\_time\_stamp\_in\_usecs": 0,
- "health\_status": "Critical",
- "id": "string",
- "score": 0}},
- "health\_status": "Critical"},

- "hybrid\_schedules\_count": 0,
- "marked\_for\_removal": true,
- "metro\_avail": {
- "container": "string",
- "failure\_handling": "NONE",
- "per\_vm\_consistency": true,
- "remote\_site": "string",
- "role": "ACTIVE",
- "skip\_clones\_check": true,
- "status": "ENABLE\_METRO\_AVAIL\_IN\_PROGRESS",
- "storage\_container": "string",
- "timeout": 10,
- "vm\_agnostic\_snapshots": true},
- "min\_snapshot\_to\_retain": 0,
- "name": "string",
- "next\_snapshot\_time\_usecs": 0,
- "nfs\_files": [
- {
- "consistency\_group": "string",
- "nfs\_file\_path": "string",
- "nfs\_handle": 0}},
- "ongoing\_replication\_count": 0,
- "pending\_replication\_count": 0,
- "remote\_site\_names": [
- "string"],
- "replication\_links": [
- {
- "current\_replicating\_snapshot\_id": "string",
- "current\_replicating\_snapshot\_total\_bytes": 0,
- "current\_replicating\_snapshot\_transmitted\_bytes": 0,
- "id": "string",
- "last\_replication\_end\_time\_in\_usecs": 0,
- "last\_replication\_start\_time\_in\_usecs": 0,
- "last\_successful\_replication\_snapshot\_id": "string",
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "stats": {
- "property1": "string",
- "property2": "string"}}},
- "schedules\_suspended": true,
- "stats": {
- "property1": "string",
- "property2": "string"},
- "sync\_replications": [
- {
- "id": "string",
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "stats": {
- "property1": "string",
- "property2": "string"}}},
- "total\_user\_written\_bytes": 0,
- "usage\_stats": {
- "property1": "string",
- "property2": "string"},
- "vms": [
- {
- "app\_consistent\_snapshots": true,
- "consistency\_group": "string",

```

    • "related_entity_uuids": [
    • "string"],
    • "vm_files": [
    • "string"],
    • "vm_handle": 0,
    • "vm_id": "string",
    • "vm_name": "string",
    • "vm_power_state_on_recovery": "Powered Off",
    • "vm_recoverability": [
    • {
        • "cerebro_error": "string",
        • "reason": "string",
        • "remote_site": "string"}}],
    • "volume_groups": [
    • {
        • "consistency_group": "string",
        • "name": "string",
        • "nfs_file_paths": [
        • "string"],
        • "related_entity_uuids": [
        • "string"],
        • "volume_group_uuid": "string"}],
    • "vstore_id": 0
}
`

```

## /remote\_sites

### Add a Remote Site.

A remote cluster to be used as a DR site.

#### Request Body schema: application/json required

A Remote Site instance

```

||| | --- | --- || alert_summary | object (create.dto.alerts.AlertSummaryDTO) || bandwidth_policy | object (create.dto.dr.BandwidthPolicyDTO) This DTO describes
bandwidth throttling policies for different time schedules || bandwidth_policy_enabled | boolean || capabilities | Array of strings Items Enum: "BACKUP"
"DISASTER_RECOVERY" "METRO_AVAILABILITY" "SUPPORT_DEDUPED_EXTENTS" "SUPPORT_VSPHERE" "SUPPORT_HYPERV" "SUPPORT_KVM" ||
cloud_type | string Enum: "AWS" "AZURE" || cluster_arch | string || cluster_external_data_services_address | object (create.common.Address) ||
cluster_external_data_services_ipaddress | string || cluster_id | integer || cluster_incarnation_id | integer || cluster_type | Array of strings Items Enum:
"LIGHT_COMPUTE" "SINGLE_NODE_BACKUP" || compression_enabled | boolean || credential_name | string || cvm_name | string || health_summary | object
(create.dto.health.check.HealthSummaryDTO) || latency_in_usecs | integer || marked_for_removal | boolean || max_bps | integer || metro_ready | boolean ||
name | string || network_mapping | object (create.dto.dr.NetworkMappingDTO) This DTO describes network mapping from source to destination cluster based on
network uuids || proxy_enabled | boolean || region | string || remote_dr_external_subnet | string || remote_dr_external_subnet_address | object
(create.common.Address) || remote_ip_address_ports | object || remote_ip_ports | object || remote_vstore_info | object || replication_links | Array of objects
(create.dto.dr.ReplicationLinkDTO) || ssh_enabled | boolean || stats | object || status | string Enum: "HANDSHAKING" "UNREACHABLE"
"STRETCH_UNHEALTHY" "RELATIONSHIP_NOT_ESTABLISHED" "RELATIONSHIP_ESTABLISHED" "DEPLOYING" || usage_stats | object || uuid | string ||
vstore_name_map | object |

```

### Responses

#### 200

Successful operation

post/remote\_sites

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/remote\\_sites](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites)

### Request samples

- cURL
- Wget
- Python

- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "alert_summary": { "alert_summaries": { "property1": { "entities": [ { "acknowledged": true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0, "affected_entities": [ { "entity_name": "string", "entity_type": "string", "entity_type_display_name": "string", "id": "string", "uuid": "string" } ], "alert_details": { "metric_details": [ { "comparison_operator": "string", "condition_type": "STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string", "entity_type": "string", "metric_category": "string", "metric_display_name": "string", "metric_name": "string", "metric_value_details": [ { "metric_threshold_value": "string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ], "unit": "string" } ], "severity_trails": [ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] }, "alert_title": "string", "alert_type_uuid": "string", "auto_resolved": true, "categories": [ "string" ], "check_id": "string", "classifications": [ "string" ], "cluster_uuid": "string", "context_types": [ "string" ], "context_values": [ "string" ], "created_time_stamp_in_usecs": 0, "detailed_message": "string", "entity_ids": [ "string" ], "entity_types": [ "string" ], "entity_uuids": [ "string" ], "id": "string", "impact": "string", "impact_types": [ "string" ], "last_occurrence_time_stamp_in_usecs": 0, "message": "string", "node_uuid": "string", "operation_type": "string", "originating_cluster_uuid": "string", "possible_causes": [ { "actions": "string", "additional_links": "string", "alert_namespace": "string", "cause": "string", "chart_queries": { "entities": [ { "actions": "string", "alerts": "string", "cadmus": "string", "entities": "string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": 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## Response samples

- 200

Content type

application/json

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        - "property2": null},
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- "superclass": { }},
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      - "ipv4": 0,
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        - "property2": null},
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- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",

```

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    • "uuid": "string",
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    • "property1": "string",
    • "property2": "string"}
  }`

```

## Delete a Remote Site.

Delete a Remote Site with the specified name from the cluster.

### path Parameters

||| | --- | --- || name required | string Name of the Remote Site |

## Responses

### 200

Successful operation

delete/remote\_sites/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

## Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
`}
```

## delete/remote\_sites/policies/{policy\_uuid}/deleteBandwidthPolicy

### path Parameters

||| | --- | --- || policy\_uuid required | string Bandwidth policy Uuid |

## Responses

### 200

Successful operation

delete/remote\_sites/policies/{policy\_uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/policies/{policy\_uuid}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/policies/{policy_uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

• 200

Content type

application/json

Copy

```
`{
  "value": true
}`
```

Get a Remote Site.

Get a Remote Site with the specified name.

path Parameters

||| |---| | name required | string Name of the Remote Site |

query Parameters

||| |---| | projection | string Projections on the attributes |

Responses

200

Successful operation

get/remote\_sites/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

``` curl --request GET \ --url https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

Response samples

• 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

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- "alert\_summaries": {
  - "property1": {
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    - {
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      - "id": "string",
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          - "previous\_cursor": null,
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          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
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      - "string"],
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      - "string"],
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    - "impact": "string",
    - "impact\_types": [
      - "string"],
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    - "node\_uuid": "string",

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  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
    - "property1": null,
    - "property2": null},
  - "max\_cache\_time": 0,
  - "name\_services": [
    - { }],
  - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "prefer\_ipv6\_address": true,
  - "serial\_persistent\_fields": [
    - {
    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
      - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "annotation": 0,
      - "annotation\_data": {
      - "annotations": {
        - "property1": { },

- "property2": { }},
- "declared\_annotations": {
  - "property1": { },
  - "property2": { }},
- "redefined\_count": 0},
- "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
  - "property1": null,
  - "property2": null},
- "enum\_constants": null,
- "generic\_info": {
  - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
  - { }},
- "superclass": { }},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
  - "clock": 0,
  - "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true]],
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},

- "ipv4": "string",
- "ipv6": "string",
- "log": {
  - "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "cluster\_external\_data\_services\_ipaddress": "string",
- "cluster\_id": 0,
- "cluster\_incarnation\_id": 0,
- "cluster\_type": [
- "LIGHT\_COMPUTE"],
- "compression\_enabled": true,
- "credential\_name": "string",
- "cvm\_name": "string",
- "health\_summary": {
- "entity\_type\_summaries": [
  - {
  - "checks\_in\_error": {
    - "property1": {
    - "cluster\_level": [
      - {
      - "entity\_name": "string",
      - "entity\_uuid": "string",
      - "message": "string"}},
      - "node\_level": [
        - {
        - "entity\_name": "string",
        - "entity\_uuid": "string",
        - "message": "string"}},
    - "property2": {
    - "cluster\_level": [
      - {
      - "entity\_name": "string",
      - "entity\_uuid": "string",
      - "message": "string"}},
      - "node\_level": [
        - {
        - "entity\_name": "string",
        - "entity\_uuid": "string",
        - "message": "string"}},
    - "detailed\_check\_summary": {
      - "property1": {
      - "property1": 0,
      - "property2": 0},
      - "property2": {
      - "property1": 0,
      - "property2": 0}},
    - "entity\_type": "PAGE",
    - "filter\_criteria": "string",
    - "health\_summary": {
      - "property1": 0,
      - "property2": 0}},
  - "health\_check\_summaries": {
    - "property1": {
    - "attribute\_map": {
      - "property1": "string",
      - "property2": "string"},

- "executed\_time\_stamp\_in\_usecs": 0,
- "health\_status": "Critical",
- "id": "string",
- "score": 0},
- "property2": {
- "attribute\_map": {
  - "property1": "string",
  - "property2": "string"},
- "executed\_time\_stamp\_in\_usecs": 0,
- "health\_status": "Critical",
- "id": "string",
- "score": 0}},
- "health\_status": "Critical"},
- "latency\_in\_usecs": 0,
- "marked\_for\_removal": true,
- "max\_bps": 0,
- "metro\_ready": true,
- "name": "string",
- "network\_mapping": {
- "l2\_network\_mappings": [
  - {
  - "dest\_hypervisor\_type": "string",
  - "dest\_network\_name": "string",
  - "src\_hypervisor\_type": "string",
  - "src\_network\_name": "string"}},
- "uuid": "string"},
- "proxy\_enabled": true,
- "region": "string",
- "remote\_dr\_external\_subnet": "string",
- "remote\_dr\_external\_subnet\_address": {
- "hostname": "string",
- "inet\_address": {
  - "empty": {
  - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "value": null},
  - "value": {
  - "\$assertions\_disabled": true,
  - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "address\_cache\_init": true,
  - "cache\_lock": { },
  - "cache\_time": 0,
  - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "canonical\_host\_name": "string",
  - "fields\_offset": 0,
  - "holder": {
    - "address": 0,
    - "family": 0,
    - "host\_name": "string",
    - "original\_host\_name": "string"},
  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
    - "property1": null,
    - "property2": null},
  - "max\_cache\_time": 0,
  - "name\_services": [
    - { }},
  - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",

- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
  - {
  - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "name": "string",
  - "offset": 0,
  - "signature": "string",
  - "type": {
    - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "annotation": 0,
    - "annotation\_data": {
    - "annotations": {
      - "property1": { },
      - "property2": { }},
      - "declared\_annotations": {
        - "property1": { },
        - "property2": { }},
        - "redefined\_count": 0},
        - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "class\_redefined\_count": 0,
        - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "enum": 0,
        - "enum\_constant\_directory": {
        - "property1": null,
        - "property2": null},
        - "enum\_constants": null,
        - "generic\_info": {
        - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "super\_interfaces": [
          - { }},
          - "superclass": { }},
          - "initted": true,
          - "name": "string",
          - "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "reflection\_data": {
          - "clock": 0,
          - "timestamp": 0},
          - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "serial\_persistent\_fields": [
            - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
            - "synthetic": 0,
            - "use\_caches": true},
            - "unshared": true}},
    - "unknown\_array": [
      - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "unsafe": {
      - "address\_size": 0,
      - "array\_boolean\_base\_offset": 0,
      - "array\_boolean\_index\_scale": 0,
      - "array\_byte\_base\_offset": 0,
      - "array\_byte\_index\_scale": 0,
      - "array\_char\_base\_offset": 0,
      - "array\_char\_index\_scale": 0,

- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
  - "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "remote\_ip\_address\_ports": {
  - "property1": 0,
  - "property2": 0},
- "remote\_ip\_ports": {
  - "property1": 0,
  - "property2": 0},
- "remote\_vstore\_info": {
  - "property1": {
    - "is\_protected": true,
    - "is\_stretch\_empty": true,
    - "max\_capacity": 0,
    - "metro\_pd": "string",
    - "used\_physical\_size": 0},
  - "property2": {
    - "is\_protected": true,
    - "is\_stretch\_empty": true,
    - "max\_capacity": 0,
    - "metro\_pd": "string",
    - "used\_physical\_size": 0}},
- "replication\_links": [
  - {
    - "current\_replicating\_snapshot\_id": "string",
    - "current\_replicating\_snapshot\_total\_bytes": 0,
    - "current\_replicating\_snapshot\_transmitted\_bytes": 0,
    - "id": "string",
    - "last\_replication\_end\_time\_in\_usecs": 0,
    - "last\_replication\_start\_time\_in\_usecs": 0,
    - "last\_successful\_replication\_snapshot\_id": "string",
    - "protection\_domain\_name": "string",
    - "remote\_site\_name": "string",
    - "stats": {
      - "property1": "string",
      - "property2": "string"}}},
- "ssh\_enabled": true,
- "stats": {
  - "property1": "string",
  - "property2": "string"},



- "status": "HANDSHAKING",
- "usage\_stats": {
- "property1": "string",
- "property2": "string"},
- "uuid": "string",
- "vstore\_name\_map": {
- "property1": "string",
- "property2": "string"}

}`

## Get all pending replications for the specified Remote Site.

Get the list of backlogged/pending replications for the specified Remote Site in the cluster.

### path Parameters

| | | | --- | --- | | name required | string Name of the Remote Site |

### query Parameters

| | | | --- | --- | | protection\_domain\_names | Array of strings Names of Protection Domains |

### Responses

#### 200

Successful operation

get/remote\_sites/{name}/pending\_replications

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/pending\_replications

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/pending_replications \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`[

- {
- "protection\_domain\_name": "string",
- "remote\_site\_name": "string",
- "snapshot": {
  - "consistency\_groups": [
  - "string"],

- "exclusive\_usage\_in\_bytes": 0,
- "located\_remote\_site\_name": "string",
- "missing\_entities": [
- {
  - "cg\_name": "string",
  - "entity\_name": "string",
  - "entity\_type": "string"}],
  - "nfs\_files": [
  - {
    - "consistency\_group": "string",
    - "nfs\_file\_path": "string",
    - "nfs\_handle": 0}},
    - "oob\_schedule\_ids": [
    - 0],
    - "protection\_domain\_name": "string",
    - "remote\_site\_names": [
    - "string"],
    - "size\_in\_bytes": 0,
    - "snapshot\_create\_time\_usecs": 0,
    - "snapshot\_expiry\_time\_usecs": 0,
    - "snapshot\_id": "string",
    - "snapshot\_uuid": "string",
    - "state": "EXPIRED",
    - "vms": [
    - {
      - "app\_consistent\_snapshots": true,
      - "consistency\_group": "string",
      - "related\_entity\_uuids": [
      - "string"],
      - "vm\_files": [
      - "string"],
      - "vm\_handle": 0,
      - "vm\_id": "string",
      - "vm\_name": "string",
      - "vm\_power\_state\_on\_recovery": "Powered Off",
      - "vm\_recoverability": [
      - {
        - "cerebro\_error": "string",
        - "reason": "string",
        - "remote\_site": "string"}]]],
        - "volume\_groups": [
        - {
          - "consistency\_group": "string",
          - "name": "string",
          - "nfs\_file\_paths": [
          - "string"],
          - "related\_entity\_uuids": [
          - "string"],
          - "volume\_group\_uuid": "string"}]]}]

### Get all pending replications.

Get the list of backlogged/pending replications in the cluster.

#### query Parameters

||| --- | --- || protection\_domain\_names | Array of strings Protection Domain Names | | remote\_site\_names | Array of strings Remote Site Names |

#### Responses

Successful operation

get/remote\_sites/pending\_replications

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/pending\_replications

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

''' curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/pending_replications \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
'''

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```

`[
  {
    "protection_domain_name": "string",
    "remote_site_name": "string",
    "snapshot": {
      "consistency_groups": [
        "string",
        "exclusive_usage_in_bytes": 0,
        "located_remote_site_name": "string",
        "missing_entities": [
          {
            "cg_name": "string",
            "entity_name": "string",
            "entity_type": "string"
          }
        ],
        "nfs_files": [
          {
            "consistency_group": "string",
            "nfs_file_path": "string",
            "nfs_handle": 0
          }
        ],
        "oob_schedule_ids": [
          0
        ],
        "protection_domain_name": "string",
        "remote_site_names": [
          "string"
        ],
        "size_in_bytes": 0,
        "snapshot_create_time_usecs": 0,
        "snapshot_expiry_time_usecs": 0,
        "snapshot_id": "string",
        "snapshot_uuid": "string",

```

- "state": "EXPIRED",
- "vms": [
- {
  - "app\_consistent\_snapshots": true,
  - "consistency\_group": "string",
  - "related\_entity\_uuids": [
  - "string"],
  - "vm\_files": [
  - "string"],
  - "vm\_handle": 0,
  - "vm\_id": "string",
  - "vm\_name": "string",
  - "vm\_power\_state\_on\_recovery": "Powered Off",
  - "vm\_recoverability": [
  - {
    - "cerebro\_error": "string",
    - "reason": "string",
    - "remote\_site": "string"]]]],
- "volume\_groups": [
- {
  - "consistency\_group": "string",
  - "name": "string",
  - "nfs\_file\_paths": [
  - "string"],
  - "related\_entity\_uuids": [
  - "string"],
  - "volume\_group\_uuid": "string"]]]}

]

## Get the list of alerts generated on a specified Remote Site.

### path Parameters

| | | | --- | --- | | name required | string Name of the Remote Site |

### query Parameters

| | | | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of alerts | | resolved | boolean Alerts which have been resolved | | acknowledged | boolean Alerts which have been acknowledged | | severity | string Alert severities | | alert\_type\_uuid | string Alert type ids | | page | integer Page number |

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation.

get/remote\_sites/{name}/alerts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/alerts

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "entities": [
  • {
    • "acknowledged": true,
    • "acknowledged_by_username": "string",
    • "acknowledged_time_stamp_in_usecs": 0,
    • "affected_entities": [
    • {
      • "entity_name": "string",
      • "entity_type": "string",
      • "entity_type_display_name": "string",
      • "id": "string",
      • "uuid": "string"}],
    • "alert_details": {
    • "metric_details": [
      • {
        • "comparison_operator": "string",
        • "condition_type": "STATIC_THRESHOLD",
        • "data_type": "LONG",
        • "entity_id": "string",
        • "entity_type": "string",
        • "metric_category": "string",
        • "metric_display_name": "string",
        • "metric_name": "string",
        • "metric_value_details": [
          • {
            • "metric_threshold_value": "string",
            • "metric_value": "string",
            • "state_change_time_stamp_in_usecs": 0}],
          • "unit": "string"}],
    • "severity_trails": [
      • {
        • "severity": "string",
        • "severity_change_timestamp_in_usecs": 0}],
    • "alert_title": "string",
    • "alert_type_uuid": "string",
    • "auto_resolved": true,
    • "categories": [
    • "string"],
    • "check_id": "string",
    • "classifications": [
    • "string"],
    • "cluster_uuid": "string",
```

- "context\_types": [
- "string"],
- "context\_values": [
- "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
- "string"],
- "entity\_types": [
- "string"],
- "entity\_uuids": [
- "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
- "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
- {
  - "actions": "string",
  - "additional\_links": "string",
  - "alert\_namespace": "string",
  - "cause": "string",
  - "chart\_queries": {
  - "entities": [
    - {
      - "actions": "string",
      - "alerts": "string",
      - "cadmus": "string",
      - "entities": "string",
      - "help": "string",
      - "metadata": {
        - "entity\_type": "PAGE",
        - "filters": [
          - null],
          - "instances": [
            - null],
            - "title": "string"},
          - "perspectives": [
            - {
              - "format": null,
              - "metadata": null,
              - "query": null,
              - "result": null,
              - "type": null}}],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
    - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,

```

    • "next_cursor": "string",
    • "page": 0,
    • "previous_cursor": "string",
    • "search_string": "string",
    • "sort_criteria": "string",
    • "start_index": 0,
    • "total_entities": 0}},
    • "details": "string",
    • "has_global_details": true,
    • "id": "string",
    • "num_resolved_count": 0,
    • "parent_cause_id": "string",
    • "title": "string",
    • "troubleshooting_steps": "string"}],
    • "resolved": true,
    • "resolved_by_username": "string",
    • "resolved_time_stamp_in_usecs": 0,
    • "service_vmid": "string",
    • "severity": "string",
    • "user_defined": true}},
    • "error_info": {
    • "count": 0,
    • "entity_list": [
        • "string"],
    • "message": "string"},
    • "metadata": {
    • "count": 0,
    • "end_index": 0,
    • "filter_criteria": "string",
    • "grand_total_entities": 0,
    • "next_cursor": "string",
    • "page": 0,
    • "previous_cursor": "string",
    • "search_string": "string",
    • "sort_criteria": "string",
    • "start_index": 0,
    • "total_entities": 0}
}
`

```

## Get the list of alerts generated on any Remote Site.

### query Parameters

|| | | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of alerts | | resolved | boolean Alerts which have been resolved | | acknowledged | boolean Alerts which have been acknowledged | | severity | string Alert severities | | alert\_type\_uuid | string Alert type ids | | page | integer Page number |

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation.

get/remote\_sites/alerts

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/remote\\_sites/alerts](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/alerts)

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
...
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "acknowledged": true,
      "acknowledged_by_username": "string",
      "acknowledged_time_stamp_in_usecs": 0,
      "affected_entities": [
        {
          "entity_name": "string",
          "entity_type": "string",
          "entity_type_display_name": "string",
          "id": "string",
          "uuid": "string"}],
      "alert_details": {
      "metric_details": [
        {
          "comparison_operator": "string",
          "condition_type": "STATIC_THRESHOLD",
          "data_type": "LONG",
          "entity_id": "string",
          "entity_type": "string",
          "metric_category": "string",
          "metric_display_name": "string",
          "metric_name": "string",
          "metric_value_details": [
            {
              "metric_threshold_value": "string",
              "metric_value": "string",
              "state_change_time_stamp_in_usecs": 0}],
          "unit": "string"}],
      "severity_trails": [
        {
          "severity": "string",
          "severity_change_timestamp_in_usecs": 0}],
      "alert_title": "string",
      "alert_type_uuid": "string",
      "auto_resolved": true,
```



- "categories": [
- "string"],
- "check\_id": "string",
- "classifications": [
- "string"],
- "cluster\_uuid": "string",
- "context\_types": [
- "string"],
- "context\_values": [
- "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
- "string"],
- "entity\_types": [
- "string"],
- "entity\_uuids": [
- "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
- "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
- {
- "actions": "string",
- "additional\_links": "string",
- "alert\_namespace": "string",
- "cause": "string",
- "chart\_queries": {
- "entities": [
- {
- "actions": "string",
- "alerts": "string",
- "cadmus": "string",
- "entities": "string",
- "help": "string",
- "metadata": {
- "entity\_type": "PAGE",
- "filters": [
- null],
- "instances": [
- null],
- "title": "string"},
- "perspectives": [
- {
- "format": null,
- "metadata": null,
- "query": null,
- "result": null,
- "type": null}}}],
- "error\_info": {
- "count": 0,
- "entity\_list": [
- "string"],

```

    • "message": "string"},
  • "metadata": {
    • "count": 0,
    • "end_index": 0,
    • "filter_criteria": "string",
    • "grand_total_entities": 0,
    • "next_cursor": "string",
    • "page": 0,
    • "previous_cursor": "string",
    • "search_string": "string",
    • "sort_criteria": "string",
    • "start_index": 0,
    • "total_entities": 0}},
  • "details": "string",
  • "has_global_details": true,
  • "id": "string",
  • "num_resolved_count": 0,
  • "parent_cause_id": "string",
  • "title": "string",
  • "troubleshooting_steps": "string"}],
  • "resolved": true,
  • "resolved_by_username": "string",
  • "resolved_time_stamp_in_usecs": 0,
  • "service_vmid": "string",
  • "severity": "string",
  • "user_defined": true}},
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}
`

```

## Get the list of events generated on a specified Remote Site.

### path Parameters

||| | --- | --- || name required | string Name of the Remote Site |

### query Parameters

||| | --- | --- || start\_time\_in\_usecs | integer Start time in microseconds || end\_time\_in\_usecs | integer End time in microseconds || count | integer Maximum number of events || acknowledged | boolean Events which have been acknowledged || page | integer Page number |

### Responses

200

Successful operation

get/remote\_sites/{name}/events

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/events

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/events \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "acknowledged": true,
      "acknowledged_by_username": "string",
      "acknowledged_time_stamp_in_usecs": 0,
      "affected_entities": [
        {
          "entity_name": "string",
          "entity_type": "string",
          "entity_type_display_name": "string",
          "id": "string",
          "uuid": "string"}],
      "alert_details": {
        "metric_details": [
          {
            "comparison_operator": "string",
            "condition_type": "STATIC_THRESHOLD",
            "data_type": "LONG",
            "entity_id": "string",
            "entity_type": "string",
            "metric_category": "string",
            "metric_display_name": "string",
            "metric_name": "string",
            "metric_value_details": [
              {
                "metric_threshold_value": "string",
                "metric_value": "string",
                "state_change_time_stamp_in_usecs": 0}],
            "unit": "string"}],
          "severity_trails": [
            {
```

- "severity": "string",
- "severity\_change\_timestamp\_in\_usecs": 0}},
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
- "string"],
- "check\_id": "string",
- "classifications": [
- "string"],
- "cluster\_uuid": "string",
- "context\_types": [
- "string"],
- "context\_values": [
- "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
- "string"],
- "entity\_types": [
- "string"],
- "entity\_uuids": [
- "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
- "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
- {
- "actions": "string",
- "additional\_links": "string",
- "alert\_namespace": "string",
- "cause": "string",
- "chart\_queries": {
- "entities": [
- {
- "actions": "string",
- "alerts": "string",
- "cadmus": "string",
- "entities": "string",
- "help": "string",
- "metadata": {
- "entity\_type": "PAGE",
- "filters": [
- null],
- "instances": [
- null],
- "title": "string"},
- "perspectives": [
- {
- "format": null,
- "metadata": null,
- "query": null,
- "result": null,

```

      • "type": null}}}],
    • "error_info": {
      • "count": 0,
      • "entity_list": [
        • "string"],
      • "message": "string"},
    • "metadata": {
      • "count": 0,
      • "end_index": 0,
      • "filter_criteria": "string",
      • "grand_total_entities": 0,
      • "next_cursor": "string",
      • "page": 0,
      • "previous_cursor": "string",
      • "search_string": "string",
      • "sort_criteria": "string",
      • "start_index": 0,
      • "total_entities": 0}},
    • "details": "string",
    • "has_global_details": true,
    • "id": "string",
    • "num_resolved_count": 0,
    • "parent_cause_id": "string",
    • "title": "string",
    • "troubleshooting_steps": "string"}],
    • "resolved": true,
    • "resolved_by_username": "string",
    • "resolved_time_stamp_in_usecs": 0,
    • "service_vmid": "string",
    • "severity": "string",
    • "user_defined": true}},
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}
`

```

**Get the list of events generated on any Remote Site.**

#### query Parameters

||| | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of events | | acknowledged | boolean Events which have been acknowledged | | page | integer Page number |

#### Responses

Successful operation

get/remote\_sites/events

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/events

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/events \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
'''
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
  - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
        - "entity\_name": "string",
        - "entity\_type": "string",
        - "entity\_type\_display\_name": "string",
        - "id": "string",
        - "uuid": "string"}],
    - "alert\_details": {
    - "metric\_details": [
      - {
        - "comparison\_operator": "string",
        - "condition\_type": "STATIC\_THRESHOLD",
        - "data\_type": "LONG",
        - "entity\_id": "string",
        - "entity\_type": "string",
        - "metric\_category": "string",
        - "metric\_display\_name": "string",
        - "metric\_name": "string",
        - "metric\_value\_details": [
          - {
            - "metric\_threshold\_value": "string",
            - "metric\_value": "string",
            - "state\_change\_time\_stamp\_in\_usecs": 0}],
        - "unit": "string"}],

- "severity\_trails": [
  - {
  - "severity": "string",
  - "severity\_change\_timestamp\_in\_usecs": 0}}],
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
    - "entities": [
      - {
        - "actions": "string",
        - "alerts": "string",
        - "cadmus": "string",
        - "entities": "string",
        - "help": "string",
        - "metadata": {
          - "entity\_type": "PAGE",
          - "filters": [
            - null],
          - "instances": [
            - null],
          - "title": "string"},
        - "perspectives": [
          - {
            - "format": null,
            - "metadata": null,

```

      • "query": null,
      • "result": null,
      • "type": null}}}],
    • "error_info": {
      • "count": 0,
      • "entity_list": [
      • "string"],
      • "message": "string"},
    • "metadata": {
      • "count": 0,
      • "end_index": 0,
      • "filter_criteria": "string",
      • "grand_total_entities": 0,
      • "next_cursor": "string",
      • "page": 0,
      • "previous_cursor": "string",
      • "search_string": "string",
      • "sort_criteria": "string",
      • "start_index": 0,
      • "total_entities": 0}},
    • "details": "string",
    • "has_global_details": true,
    • "id": "string",
    • "num_resolved_count": 0,
    • "parent_cause_id": "string",
    • "title": "string",
    • "troubleshooting_steps": "string"}],
    • "resolved": true,
    • "resolved_by_username": "string",
    • "resolved_time_stamp_in_usecs": 0,
    • "service_vmid": "string",
    • "severity": "string",
    • "user_defined": true}},
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}`

```

## Get the list of Remote Sites.

Get the list of Remote Sites configured in the cluster.

### query Parameters

||| |---| ---| | names | Array of strings Remote Site names | | metro\_compatible | boolean Remote Site stretchable | | full\_details | boolean Remote cluster detail |  
 | remoteVStores | Array of strings Remote container to fetch | | include\_deleted | boolean Include deleted | | projection | string Projections on the attributes |



Responses

200

Successful operation

get/remote\_sites

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "alert_summary": {
        "alert_summaries": {
          "property1": {
            "entities": [
              {
                "acknowledged": true,
                "acknowledged_by_username": "string",
                "acknowledged_time_stamp_in_usecs": 0,
                "affected_entities": [
                  {
                    "entity_name": null,
                    "entity_type": null,
                    "entity_type_display_name": null,
                    "id": null,
                    "uuid": null}],
                "alert_details": {
                  "metric_details": [
                    null],
                  "severity_trails": [
                    null]},
                "alert_title": "string",
                "alert_type_uuid": "string",
                "auto_resolved": true,
                "categories": [
```

- "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": null,
    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,
    - "details": null,
    - "has\_global\_details": null,
    - "id": null,
    - "num\_resolved\_count": null,
    - "parent\_cause\_id": null,
    - "title": null,
    - "troubleshooting\_steps": null}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",

- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": null,
    - "entity\_type": null,
    - "entity\_type\_display\_name": null,
    - "id": null,
    - "uuid": null}},
  - "alert\_details": {
    - "metric\_details": [
      - null],
    - "severity\_trails": [
      - null]],
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
  - "check\_id": "string",
  - "classifications": [
    - "string"],
  - "cluster\_uuid": "string",
  - "context\_types": [
    - "string"],
  - "context\_values": [
    - "string"],
  - "created\_time\_stamp\_in\_usecs": 0,
  - "detailed\_message": "string",
  - "entity\_ids": [
    - "string"],
  - "entity\_types": [
    - "string"],
  - "entity\_uuids": [
    - "string"],
  - "id": "string",
  - "impact": "string",
  - "impact\_types": [
    - "string"],
  - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
  - "message": "string",
  - "node\_uuid": "string",
  - "operation\_type": "string",
  - "originating\_cluster\_uuid": "string",
  - "possible\_causes": [
    - {
    - "actions": null,
    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,

- "details": null,
- "has\_global\_details": null,
- "id": null,
- "num\_resolved\_count": null,
- "parent\_cause\_id": null,
- "title": null,
- "troubleshooting\_steps": null}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string",
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
  - "count": 0},
  - "bandwidth\_policy": {
  - "bandwidth\_configurations": [
    - {
      - "bandwidth\_limit": 0,
      - "days\_selected": 0,
      - "end\_time": 0,
      - "schedule\_uuid": "string",
      - "start\_time": 0}},
  - "default\_bandwidth\_limit": 0,
  - "policy\_name": "string",
  - "policy\_uuid": "string"},
  - "bandwidth\_policy\_enabled": true,
  - "capabilities": [
    - "BACKUP"],
  - "cloud\_type": "AWS",
  - "cluster\_arch": "string",
  - "cluster\_external\_data\_services\_address": {
  - "hostname": "string",
  - "inet\_address": {
    - "empty": {
    - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "value": null},
    - "value": {
    - "\$assertions\_disabled": true,
    - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "address\_cache\_init": true,
    - "cache\_lock": { },
    - "cache\_time": 0,

- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
  - "address": 0,
  - "family": 0,
  - "host\_name": "string",
  - "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
  - "property1": null,
  - "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
  - { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
  - {
    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
      - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "annotation": 0,
      - "annotation\_data": {
        - "annotations": { },
        - "declared\_annotations": { },
        - "redefined\_count": null},
        - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "class\_redefined\_count": 0,
        - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "enum": 0,
        - "enum\_constant\_directory": {
          - "property1": null,
          - "property2": null},
          - "enum\_constants": null,
          - "generic\_info": {
            - "none": null,
            - "super\_interfaces": [ ],
          - "superclass": null},
          - "initted": true,
          - "name": "string",
          - "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          - "reflection\_data": {
            - "clock": null,
            - "timestamp": null},
            - "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
            - "serial\_persistent\_fields": [

- null],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}},
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
  - "address\_size": 0,
  - "array\_boolean\_base\_offset": 0,
  - "array\_boolean\_index\_scale": 0,
  - "array\_byte\_base\_offset": 0,
  - "array\_byte\_index\_scale": 0,
  - "array\_char\_base\_offset": 0,
  - "array\_char\_index\_scale": 0,
  - "array\_double\_base\_offset": 0,
  - "array\_double\_index\_scale": 0,
  - "array\_float\_base\_offset": 0,
  - "array\_float\_index\_scale": 0,
  - "array\_int\_base\_offset": 0,
  - "array\_int\_index\_scale": 0,
  - "array\_long\_base\_offset": 0,
  - "array\_long\_index\_scale": 0,
  - "array\_object\_base\_offset": 0,
  - "array\_object\_index\_scale": 0,
  - "array\_short\_base\_offset": 0,
  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
  - "ipv4": "string",
  - "ipv6": "string",
  - "log": {
    - "root\_logger\_name": "string"},
  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
  - "subnet\_sep": "string"},
  - "cluster\_external\_data\_services\_ipaddress": "string",
  - "cluster\_id": 0,
  - "cluster\_incarnation\_id": 0,
  - "cluster\_type": [
    - "LIGHT\_COMPUTE"],
  - "compression\_enabled": true,
  - "credential\_name": "string",
  - "cvm\_name": "string",
  - "health\_summary": {
    - "entity\_type\_summaries": [
      - {
  - "checks\_in\_error": {
    - "property1": {
      - "cluster\_level": [
        - {
          - "entity\_name": null,
          - "entity\_uuid": null,
          - "message": null}},
  - "node\_level": [
    - {
      - "entity\_name": null,
      - "entity\_uuid": null,

- "message": null}}},
- "property2": {
- "cluster\_level": [
  - {
  - "entity\_name": null,
  - "entity\_uuid": null,
  - "message": null}},
- "node\_level": [
  - {
  - "entity\_name": null,
  - "entity\_uuid": null,
  - "message": null}}}},
- "detailed\_check\_summary": {
  - "property1": {
  - "property1": 0,
  - "property2": 0},
  - "property2": {
  - "property1": 0,
  - "property2": 0}},
- "entity\_type": "PAGE",
- "filter\_criteria": "string",
- "health\_summary": {
  - "property1": 0,
  - "property2": 0}},
- "health\_check\_summaries": {
  - "property1": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0},
  - "property2": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0}},
- "health\_status": "Critical"),
- "latency\_in\_usecs": 0,
- "marked\_for\_removal": true,
- "max\_bps": 0,
- "metro\_ready": true,
- "name": "string",
- "network\_mapping": {
- "l2\_network\_mappings": [
  - {
  - "dest\_hypervisor\_type": "string",
  - "dest\_network\_name": "string",
  - "src\_hypervisor\_type": "string",
  - "src\_network\_name": "string"}},
- "uuid": "string"},
- "proxy\_enabled": true,
- "region": "string",
- "remote\_dr\_external\_subnet": "string",
- "remote\_dr\_external\_subnet\_address": {

- "hostname": "string",
- "inet\_address": {
  - "empty": {
  - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "value": null},
  - "value": {
  - "\$assertions\_disabled": true,
  - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "address\_cache\_init": true,
  - "cache\_lock": { },
  - "cache\_time": 0,
  - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "canonical\_host\_name": "string",
  - "fields\_offset": 0,
  - "holder": {
    - "address": 0,
    - "family": 0,
    - "host\_name": "string",
    - "original\_host\_name": "string"},
  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
    - "property1": null,
    - "property2": null},
  - "max\_cache\_time": 0,
  - "name\_services": [
    - { }],
  - "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
  - "prefer\_ipv6\_address": true,
  - "serial\_persistent\_fields": [
    - {
      - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "name": "string",
      - "offset": 0,
      - "signature": "string",
      - "type": {
        - "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "annotation": 0,
        - "annotation\_data": {
          - "annotations": { },
        - "declared\_annotations": { },
        - "redefined\_count": null},
        - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "class\_redefined\_count": 0,
        - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        - "enum": 0,
        - "enum\_constant\_directory": {
          - "property1": null,
          - "property2": null},
        - "enum\_constants": null,
        - "generic\_info": {
          - "none": null,
        - "super\_interfaces": [ ],



- "superclass": null},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": null,
- "timestamp": null},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
- null],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}],
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"},
- "remote\_ip\_address\_ports": {
- "property1": 0,
- "property2": 0},
- "remote\_ip\_ports": {
- "property1": 0,
- "property2": 0},
- "remote\_vstore\_info": {
- "property1": {
- "is\_protected": true,
- "is\_stretch\_empty": true,
- "max\_capacity": 0,

```

    • "metro_pd": "string",
    • "used_physical_size": 0},
  • "property2": {
    • "is_protected": true,
    • "is_stretch_empty": true,
    • "max_capacity": 0,
    • "metro_pd": "string",
    • "used_physical_size": 0}},
  • "replication_links": [
  • {
    • "current_replicating_snapshot_id": "string",
    • "current_replicating_snapshot_total_bytes": 0,
    • "current_replicating_snapshot_transmitted_bytes": 0,
    • "id": "string",
    • "last_replication_end_time_in_usecs": 0,
    • "last_replication_start_time_in_usecs": 0,
    • "last_successful_replication_snapshot_id": "string",
    • "protection_domain_name": "string",
    • "remote_site_name": "string",
    • "stats": {
    • "property1": "string",
    • "property2": "string"}}},
  • "ssh_enabled": true,
  • "stats": {
  • "property1": "string",
  • "property2": "string"},
  • "status": "HANDSHAKING",
  • "usage_stats": {
  • "property1": "string",
  • "property2": "string"},
  • "uuid": "string",
  • "vstore_name_map": {
  • "property1": "string",
  • "property2": "string"}}},
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}

```

## Get the list of Snapshots.

Get the list of all Snapshots created in Remote Sites.

### query Parameters

||| |---| --- || count | integer Maximum number of DR Snapshots to retrieve || filter\_criteria | string Filter criteria || sort\_criteria | string Sort criteria || full\_details | boolean Whether to include consistency group / vm details |

Responses

200

Successful operation

get/remote\_sites/dr\_snapshots

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/dr\_snapshots

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/dr_snapshots \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "consistency_groups": [
        "string"],
      "exclusive_usage_in_bytes": 0,
      "located_remote_site_name": "string",
      "missing_entities": [
        {
          "cg_name": "string",
          "entity_name": "string",
          "entity_type": "string"}],
      "nfs_files": [
        {
          "consistency_group": "string",
          "nfs_file_path": "string",
          "nfs_handle": 0}],
      "oob_schedule_ids": [
        0],
      "protection_domain_name": "string",
      "remote_site_names": [
        "string"],
      "size_in_bytes": 0,
      "snapshot_create_time_usecs": 0,
```

- "snapshot\_expiry\_time\_usecs": 0,
- "snapshot\_id": "string",
- "snapshot\_uuid": "string",
- "state": "EXPIRED",
- "vms": [
- {
- "app\_consistent\_snapshots": true,
- "consistency\_group": "string",
- "related\_entity\_uuids": [
- "string"],
- "vm\_files": [
- "string"],
- "vm\_handle": 0,
- "vm\_id": "string",
- "vm\_name": "string",
- "vm\_power\_state\_on\_recovery": "Powered Off",
- "vm\_recoverability": [
- {
- "cerebro\_error": "string",
- "reason": "string",
- "remote\_site": "string"}}],
- "volume\_groups": [
- {
- "consistency\_group": "string",
- "name": "string",
- "nfs\_file\_paths": [
- "string"],
- "related\_entity\_uuids": [
- "string"],
- "volume\_group\_uuid": "string"}}],
- "error\_info": {
- "count": 0,
- "entity\_list": [
- "string"],
- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}
- }

## Get the list of Snapshots.

Get the list of Snapshots created in a particular Remote Site.

### path Parameters

||| | --- | --- | | name required | string Name of the Remote Site |

### query Parameters

||| |---| --- || count | integer Maximum number of DR Snapshots to retrieve || filter\_criteria | string Filter criteria || sort\_criteria | string Sort criteria || full\_Details | boolean Whether to include consistency group / vm details |

Responses

200

Successful operation

get/remote\_sites/{name}/dr\_snapshots

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/dr\_snapshots

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/dr_snapshots \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "consistency_groups": [
        "string"],
      "exclusive_usage_in_bytes": 0,
      "located_remote_site_name": "string",
      "missing_entities": [
        {
          "cg_name": "string",
          "entity_name": "string",
          "entity_type": "string"}],
      "nfs_files": [
        {
          "consistency_group": "string",
          "nfs_file_path": "string",
          "nfs_handle": 0}],
      "oob_schedule_ids": [
        0],
      "protection_domain_name": "string",
      "remote_site_names": [
        "string"],
      "size_in_bytes": 0,
      "snapshot_create_time_usecs": 0,
```

- "snapshot\_expiry\_time\_usecs": 0,
- "snapshot\_id": "string",
- "snapshot\_uuid": "string",
- "state": "EXPIRED",
- "vms": [
- {
- "app\_consistent\_snapshots": true,
- "consistency\_group": "string",
- "related\_entity\_uuids": [
- "string"],
- "vm\_files": [
- "string"],
- "vm\_handle": 0,
- "vm\_id": "string",
- "vm\_name": "string",
- "vm\_power\_state\_on\_recovery": "Powered Off",
- "vm\_recoverability": [
- {
- "cerebro\_error": "string",
- "reason": "string",
- "remote\_site": "string"]}],
- "volume\_groups": [
- {
- "consistency\_group": "string",
- "name": "string",
- "nfs\_file\_paths": [
- "string"],
- "related\_entity\_uuids": [
- "string"],
- "volume\_group\_uuid": "string"]}],
- "error\_info": {
- "count": 0,
- "entity\_list": [
- "string"],
- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}
- }

## Get the stats for a specified Remote Site.

If start time and end time are included in the query string, then historical stats are retrieved. Otherwise, the latest stats are retrieved.

### path Parameters

||| | --- | --- | | name required | string Name of the Remote Site |

### query Parameters

||| | --- | --- || metrics required | Array of strings List of metrics | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | interval\_in\_secs | integer Sampling interval of stats |

Responses

200

Successful operation

get/remote\_sites/{name}/stats

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/stats

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/stats \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "stats_specific_responses": [
    {
      "interval_in_secs": 0,
      "message": "string",
      "metric": "string",
      "start_time_in_usecs": 0,
      "successful": true,
      "values": [
        0
      ]
    }
  ]
}
```

get/remote\_sites/{name}/connection\_status/testRemoteSite

path Parameters

||| | --- | --- || name required | string |

Responses

200

Successful operation

get/remote\_sites/{name}/connection\_status

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/connection\_status

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/connection_status \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "message": "string",
  "name": "string",
  "status": true
}
```

## get/remote\_sites/networks/getNetworks

### query Parameters

||| | --- | --- || remote\_site | string Name of the Cluster |

### Responses

#### 200

Successful operation

get/remote\_sites/networks

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/networks

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/networks \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

## Response samples

- 200



Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "entities": [
  • {
    • "hypervisor_type": "string",
    • "name": "string"}],
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}`
```

Modify a Remote Site.

Modify the configuration of the specified Remote Site.

Request Body schema: application/json required

A Remote Site instance

||| |---| --- || cluster\_uuid | string || generic\_dto | object (patch.dto.dr.RemoteSiteDTO) remote-site || operation | string |

Responses

200

Successful operation

patch/remote\_sites

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PATCH \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid": "string", "generic_dto": {
```

```
"alert_summary": { "alert_summaries": { "property1": { "entities": [ { "acknowledged": true,
"acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0, "affected_entities": [ { "entity_name":
"string", "entity_type": "string", "entity_type_display_name": "string", "id": "string", "uuid": "string" } ] },
"alert_details": { "metric_details": [ { "comparison_operator": "string", "condition_type": "STATIC_THRESHOLD",
"data_type": "LONG", "entity_id": "string", "entity_type": "string", "metric_category": "string",
"metric_display_name": "string", "metric_name": "string", "metric_value_details": [ { "metric_threshold_value":
"string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ] }, "unit": "string" } ] }, "severity_trails":
[ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] }, "alert_title": "string", "alert_type_uuid":
"string", "auto_resolved": true, "categories": [ "string" ], "check_id": "string", "classifications": [ "string" ],
"cluster_uuid": "string", "context_types": [ "string" ], "context_values": [ "string" ], "created_time_stamp_in_usecs":
0, "detailed_message": "string", "entity_ids": [ "string" ], "entity_types": [ "string" ], "entity_uuids": [ "string"
], "id": "string", "impact": "string", "impact_types": [ "string" ], "last_occurrence_time_stamp_in_usecs": 0,
"message": "string", "node_uuid": "string", "operation_type": "string", "originating_cluster_uuid": "string",
"possible_causes": [ { "actions": "string", "additional_links": "string", "alert_namespace": "string", "cause":
"string", "chart_queries": { "entities": [ { "actions": "string", "alerts": "string", "cadmus": "string", "entities":
"string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs":
"string", "operator": "string", "rhs": "string" } ] }, "instances": [ { "additional_fields": { "property1": "string",
"property2": "string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string",
"entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ] }, "title": "string" }, "perspectives": [ {
"format": "TABLE", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs": "string",
"operator": "string", "rhs": "string" } ] }, "instances": [ { "additional_fields": { "property1": "string", "property2":
"string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string", "entity_id":
"string", "entity_name": "string", "entity_type": "PAGE" } ] }, "title": "string" }, "query": null, "result": null,
"type": "string" } ] } ] }, "error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": {
"count": 0, "end_index": 0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0,
"previous_cursor": "string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities":
0 } }, "details": "string", "has_global_details": true, "id": "string", "num_resolved_count": 0, "parent_cause_id":
"string", "title": "string", "troubleshooting_steps": "string" } ], "resolved": true, "resolved_by_username": "string",
"resolved_time_stamp_in_usecs": 0, "service_vmid": "string", "severity": "string", "user_defined": true } ],
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API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
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## Response samples

• 200

Content type

application/json

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```
`{
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    - "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    - "name": "string",
    - "offset": 0,
    - "signature": "string",
    - "type": {
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      - "annotation": 0,
      - "annotation\_data": {
        - "property1": { },
        - "property2": { }},
      - "declared\_annotations": {
        - "property1": { },
        - "property2": { }},
      - "redefined\_count": 0},
      - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "class\_redefined\_count": 0,
      - "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "enum": 0,
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        - "property1": null,
        - "property2": null},
      - "enum\_constants": null,
      - "generic\_info": {
        - "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "super\_interfaces": [
        - { },
      - "superclass": { }},
      - "initted": true,
      - "name": "string",

- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": 0,
- "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}],
- "unknown\_array": [
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- "unsafe": {
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- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
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- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
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- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"),
- "cluster\_external\_data\_services\_ipaddress": "string",
- "cluster\_id": 0,
- "cluster\_incarnation\_id": 0,
- "cluster\_type": [
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- "compression\_enabled": true,
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- "cvm\_name": "string",
- "health\_summary": {
- "entity\_type\_summaries": [
- {
- "checks\_in\_error": {
- "property1": {
- "cluster\_level": [
- {

- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]],
- "node\_level": [
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  - "entity\_name": "string",
  - "entity\_uuid": "string",
  - "message": "string"]}],
- "property2": {
- "cluster\_level": [
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- "node\_level": [
  - {
  - "entity\_name": "string",
  - "entity\_uuid": "string",
  - "message": "string"]}]},
- "detailed\_check\_summary": {
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  - "property2": 0},
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  - "property2": 0}},
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  - "filter\_criteria": "string",
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    - "property2": "string"},
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  - "health\_status": "Critical",
  - "id": "string",
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  - "property2": {
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  - "id": "string",
  - "score": 0}},
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- "latency\_in\_usecs": 0,
- "marked\_for\_removal": true,
- "max\_bps": 0,
- "metro\_ready": true,
- "name": "string",
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- "l2\_network\_mappings": [
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- "src\_hypervisor\_type": "string",
- "src\_network\_name": "string"}],
- "uuid": "string"},
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- "region": "string",
- "remote\_dr\_external\_subnet": "string",
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- "inet\_address": {
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  - "fields\_offset": 0,
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    - "original\_host\_name": "string"},
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    - "lookup\_table": {
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          - "offset": 0,
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            - "annotation\_data": {
            - "annotations": {
              - "property1": { },
              - "property2": { }},
              - "declared\_annotations": {
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                - "property2": { }},
                - "redefined\_count": 0},
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                - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",

- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
  - { }},
- "superclass": { }},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
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- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
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  - "use\_caches": true},
- "unshared": true}],
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
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  - "array\_boolean\_index\_scale": 0,
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  - "array\_double\_index\_scale": 0,
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  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
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  - "ipv6": "string",
  - "log": {
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  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
  - "subnet\_sep": "string"},

- "remote\_ip\_address\_ports": {
- "property1": 0,
- "property2": 0},
- "remote\_ip\_ports": {
- "property1": 0,
- "property2": 0},
- "remote\_vstore\_info": {
- "property1": {
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  - "is\_stretch\_empty": true,
  - "max\_capacity": 0,
  - "metro\_pd": "string",
  - "used\_physical\_size": 0},
- "property2": {
  - "is\_protected": true,
  - "is\_stretch\_empty": true,
  - "max\_capacity": 0,
  - "metro\_pd": "string",
  - "used\_physical\_size": 0}},
- "replication\_links": [
- {
  - "current\_replicating\_snapshot\_id": "string",
  - "current\_replicating\_snapshot\_total\_bytes": 0,
  - "current\_replicating\_snapshot\_transmitted\_bytes": 0,
  - "id": "string",
  - "last\_replication\_end\_time\_in\_usecs": 0,
  - "last\_replication\_start\_time\_in\_usecs": 0,
  - "last\_successful\_replication\_snapshot\_id": "string",
  - "protection\_domain\_name": "string",
  - "remote\_site\_name": "string",
  - "stats": {
    - "property1": "string",
    - "property2": "string"}}},
  - "ssh\_enabled": true,
  - "stats": {
    - "property1": "string",
    - "property2": "string"},
  - "status": "HANDSHAKING",
  - "usage\_stats": {
    - "property1": "string",
    - "property2": "string"},
  - "uuid": "string",
  - "vstore\_name\_map": {
    - "property1": "string",
    - "property2": "string"}

**post/remote\_sites/{name}/add\_remote\_ip/addRemotelp**

**path Parameters**

| | | | --- | --- | | name required | string |

**Request Body schema: application/json**

| | | | --- | --- | | address | object (create.common.Address) |

**Responses**

**200**

Successful operation

post/remote\_sites/{name}/add\_remote\_ip

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/add\_remote\_ip

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

## Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/add_remote_ip \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "address": { "hostname":
"string", "inet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec file that
can be downloaded from the documentation for more information.", "value": null }, "value": { "$assertions_disabled":
true, "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "address_cache_init": true, "cache_lock": {}, "cache_time": 0,
"cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
documentation for more information.", "canonical_host_name": "string", "fields_offset": 0, "holder": { "address": 0,
"family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0, "ipv6": 0, "lookup_table":
{ "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ], "negative_cache": "This API
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reference, Refer to the spec file that can be downloaded from the documentation for more information.", "name":
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Refer to the spec file that can be downloaded from the documentation for more information.", "annotation": 0,
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"property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "cached_constructor": "This API
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information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the
spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": {
"property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.",
"super_interfaces": [ {} ], "superclass": {} }, "initted": true, "name": "string", "new_instance_caller_cache": "This
API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
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"serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded
from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ],
"unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the
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Refer to the spec file that can be downloaded from the documentation for more information." } } }, "ipv4": "string",
"ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string", "subnet": "string",
"subnet_sep": "string" } }'
```

## Response samples

- 200

## Content type

application/json

## Copy

Expand all Collapse all

```
{
```

- "alert\_summary": {
- "alert\_summaries": {
  - "property1": {
  - "entities": [
    - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
      - "entity\_name": "string",
      - "entity\_type": "string",
      - "entity\_type\_display\_name": "string",
      - "id": "string",
      - "uuid": "string"}},
    - "alert\_details": {
      - "metric\_details": [
        - {
          - "comparison\_operator": "string",
          - "condition\_type": "STATIC\_THRESHOLD",
          - "data\_type": "LONG",
          - "entity\_id": "string",
          - "entity\_type": "string",
          - "metric\_category": "string",
          - "metric\_display\_name": "string",
          - "metric\_name": "string",
          - "metric\_value\_details": [
            - null],
            - "unit": "string"}},
          - "severity\_trails": [
            - {
              - "severity": "string",
              - "severity\_change\_timestamp\_in\_usecs": 0}}},
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
      - "string"],
    - "check\_id": "string",
    - "classifications": [
      - "string"],
    - "cluster\_uuid": "string",
    - "context\_types": [
      - "string"],
    - "context\_values": [
      - "string"],
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    - "detailed\_message": "string",
    - "entity\_ids": [
      - "string"],
    - "entity\_types": [
      - "string"],
    - "entity\_uuids": [
      - "string"],
    - "id": "string",
    - "impact": "string",
    - "impact\_types": [
      - "string"],
    - "last\_occurrence\_time\_stamp\_in\_usecs": 0,



- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
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    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
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        - null],
      - "error\_info": {
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        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
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          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
        - "details": "string",
        - "has\_global\_details": true,
        - "id": "string",
        - "num\_resolved\_count": 0,
        - "parent\_cause\_id": "string",
        - "title": "string",
        - "troubleshooting\_steps": "string"}},
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
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      - "message": "string"},
    - "metadata": {
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      - "end\_index": 0,
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      - "previous\_cursor": "string",
      - "search\_string": "string",
      - "sort\_criteria": "string",
      - "start\_index": 0,
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- "property2": {
- "entities": [
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        - "entity\_list": [ ],
        - "message": null},
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          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
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      - "has\_global\_details": true,
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      - "parent\_cause\_id": "string",
      - "title": "string",
      - "troubleshooting\_steps": "string"}},
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    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
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    - "severity": "string",
    - "user\_defined": true}},
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    - "entity\_list": [
      - "string"],
    - "message": "string"},
  - "metadata": {
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    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
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    - "total\_entities": 0}}},
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  - "days\_selected": 0,
  - "end\_time": 0,
  - "schedule\_uuid": "string",
  - "start\_time": 0}},
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- "property1": "string",
- "property2": "string"}

}`

**post/remote\_sites/{name}/compression/enableCompression**

**path Parameters**

| | | | --- | --- | | name required | string |

**Request Body schema: application/json**

| | | | --- | --- | | value | boolean |

**Responses**

**200**

Successful operation

post/remote\_sites/{name}/compression

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/compression

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/compression \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": true }'
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

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- "alert\_summaries": {
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                - "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",

- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
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- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
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- "superclass": { }},
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- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
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- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
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  - "synthetic": 0,
  - "use\_caches": true},
- "unshared": true]],
- "unknown\_array": [
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- "unsafe": {
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  - "array\_boolean\_index\_scale": 0,
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  - "array\_short\_index\_scale": 0,
  - "invalid\_field\_offset": 0,
  - "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
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  - "ipv6": "string",
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  - "port": 0,
  - "raw\_string": "string",
  - "subnet": "string",
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- "cluster\_external\_data\_services\_ipaddress": "string",
- "cluster\_id": 0,
- "cluster\_incarnation\_id": 0,
- "cluster\_type": [
- "LIGHT\_COMPUTE"],
- "compression\_enabled": true,
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- "cvm\_name": "string",
- "health\_summary": {
- "entity\_type\_summaries": [
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- "checks\_in\_error": {
- "property1": {
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- "node\_level": [
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- "entity\_uuid": "string",
- "message": "string"]}],
- "property2": {
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- "entity\_uuid": "string",
- "message": "string"]},
- "node\_level": [
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- "message": "string"]}],
- "detailed\_check\_summary": {
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- "property2": 0}},
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- "filter\_criteria": "string",
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- "id": "string",
- "score": 0}},
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- "metro\_ready": true,
- "name": "string",
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    - "dest\_network\_name": "string",
    - "src\_hypervisor\_type": "string",
    - "src\_network\_name": "string"}},
- "uuid": "string"},
- "proxy\_enabled": true,
- "region": "string",
- "remote\_dr\_external\_subnet": "string",
- "remote\_dr\_external\_subnet\_address": {
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- "inet\_address": {
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        - "property2": null},
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  - "property2": { }},
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- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
  - { }},
- "superclass": { }},
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- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": 0,
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- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
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  - "synthetic": 0,
  - "use\_caches": true},
- "unshared": true}],
- "unknown\_array": [
  - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
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  - "array\_byte\_index\_scale": 0,
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- "array\_object\_base\_offset": 0,
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- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
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- "port": 0,
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- "subnet\_sep": "string"},
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  - "property2": 0},
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    - "max\_capacity": 0,
    - "metro\_pd": "string",
    - "used\_physical\_size": 0},
  - "property2": {
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    - "max\_capacity": 0,
    - "metro\_pd": "string",
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    - "current\_replicating\_snapshot\_total\_bytes": 0,
    - "current\_replicating\_snapshot\_transmitted\_bytes": 0,
    - "id": "string",
    - "last\_replication\_end\_time\_in\_usecs": 0,
    - "last\_replication\_start\_time\_in\_usecs": 0,
    - "last\_successful\_replication\_snapshot\_id": "string",
    - "protection\_domain\_name": "string",
    - "remote\_site\_name": "string",
    - "stats": {
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      - "property2": "string"}}},
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- "stats": {
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  - "property2": "string"},
- "status": "HANDSHAKING",
- "usage\_stats": {
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  - "property2": "string"},
- "uuid": "string",
- "vstore\_name\_map": {
  - "property1": "string",
  - "property2": "string"}

```
}`
```

## post/remote\_sites/{name}/dr\_snapshots/download\_snapshot/downloadSnapshots

### path Parameters

||| | --- | --- || name required | string |

### Request Body schema: application/json

||| | --- | --- || dr\_snapshot\_id | string || pd\_name | string |

### Responses

#### 200

Successful operation

post/remote\_sites/{name}/dr\_snapshots/download\_snapshot

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/dr\_snapshots/download\_snapshot

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/dr_snapshots/download_snapshot \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "dr_snapshot_id": "string",
"pd_name": "string" }'
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
}`
```

## post/remote\_sites/{name}/dr\_snapshots/remove\_list/removeSnapshots

### path Parameters

||| | --- | --- || name required | string |

### Request Body schema: application/json

||| | --- | --- || dr\_snapshot\_ids\_map | object |

### Responses

#### 200

Successful operation

post/remote\_sites/{name}/dr\_snapshots/remove\_list

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/dr\_snapshots/remove\_list

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/dr_snapshots/remove_list \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "dr_snapshot_ids_map": { "property1": [ "string" ], "property2": [ "string" ] } }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{  
  "value": true  
}
```

## post/remote\_sites/{name}/map\_vstore/mapVStores

### path Parameters

||| --- | --- || name required | string |

**Request Body schema: application/json**

||| --- | --- || value | string |

### Responses

#### 200

Successful operation

post/remote\_sites/{name}/map\_vstore

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/map\_vstore

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/map_vstore \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": "string" }'
```

### Response samples

$\}$ 

```

"alert_summary": {
  • "alert_summaries": {
    • "property1": {
    • "entities": [
      • {
      • "acknowledged": true,
      • "acknowledged_by_username": "string",
      • "acknowledged_time_stamp_in_usecs": 0,
      • "affected_entities": [
        • {
        • "entity_name": "string",
        • "entity_type": "string",
        • "entity_type_display_name": "string",
        • "id": "string",
        • "uuid": "string"}],
      • "alert_details": {
        • "metric_details": [
        • {
          • "comparison_operator": "string",
          • "condition_type": "STATIC_THRESHOLD",
          • "data_type": "LONG",
          • "entity_id": "string",
          • "entity_type": "string",
          • "metric_category": "string",
          • "metric_display_name": "string",
          • "metric_name": "string",
          • "metric_value_details": [
          • null],
          • "unit": "string"}],
        • "severity_trails": [
        • {
          • "severity": "string",
          • "severity_change_timestamp_in_usecs": 0}],
      • "alert_title": "string",
      • "alert_type_uuid": "string",
      • "auto_resolved": true,
      • "categories": [
        • "string"],
      • "check_id": "string",
      • "classifications": [
        • "string"],
      • "cluster_uuid": "string",
      • "context_types": [
        • "string"],
      • "context_values": [
        • "string"],
      • "created_time_stamp_in_usecs": 0,
      • "detailed_message": "string",
      • "entity_ids": [

```

- "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
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- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
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    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
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      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
      - "message": null},
      - "metadata": {
        - "count": null,
        - "end\_index": null,
        - "filter\_criteria": null,
        - "grand\_total\_entities": null,
        - "next\_cursor": null,
        - "page": null,
        - "previous\_cursor": null,
        - "search\_string": null,
        - "sort\_criteria": null,
        - "start\_index": null,
        - "total\_entities": null}},
      - "details": "string",
      - "has\_global\_details": true,
      - "id": "string",
      - "num\_resolved\_count": 0,
      - "parent\_cause\_id": "string",
      - "title": "string",
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    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,



- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}},
- "property2": {
- "entities": [
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  - "acknowledged\_time\_stamp\_in\_usecs": 0,
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    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}},
  - "alert\_details": {
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      - {
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        - "condition\_type": "STATIC\_THRESHOLD",
        - "data\_type": "LONG",
        - "entity\_id": "string",
        - "entity\_type": "string",
        - "metric\_category": "string",
        - "metric\_display\_name": "string",
        - "metric\_name": "string",
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        - "unit": "string"}},
      - "severity\_trails": [
        - {
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          - "severity\_change\_timestamp\_in\_usecs": 0}}},
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    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
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    - "check\_id": "string",
    - "classifications": [
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    - "cluster\_uuid": "string",
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      - "string"],
    - "context\_values": [
      - "string"],
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    - "detailed\_message": "string",
    - "entity\_ids": [
      - "string"],
    - "entity\_types": [

- "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
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- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
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    - "additional\_links": "string",
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        - "entity\_list": [ ],
        - "message": null},
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          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
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      - "has\_global\_details": true,
      - "id": "string",
      - "num\_resolved\_count": 0,
      - "parent\_cause\_id": "string",
      - "title": "string",
      - "troubleshooting\_steps": "string"}},
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  - "days\_selected": 0,
  - "end\_time": 0,
  - "schedule\_uuid": "string",
  - "start\_time": 0}},
- "default\_bandwidth\_limit": 0,
- "policy\_name": "string",
- "policy\_uuid": "string",
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- "cluster\_arch": "string",
- "cluster\_external\_data\_services\_address": {
- "hostname": "string",
- "inet\_address": {
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  - "value": {
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  - "cache\_lock": { },
  - "cache\_time": 0,
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  - "canonical\_host\_name": "string",
  - "fields\_offset": 0,
  - "holder": {
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    - "family": 0,
    - "host\_name": "string",
    - "original\_host\_name": "string"},
  - "impl": { },
  - "ipv4": 0,
  - "ipv6": 0,
  - "lookup\_table": {
    - "property1": null,
    - "property2": null},
  - "max\_cache\_time": 0,
  - "name\_services": [
    - { }},
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- "offset": 0,
- "signature": "string",
- "type": {
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  - "annotation": 0,
  - "annotation\_data": {
  - "annotations": {
    - "property1": { },
    - "property2": { }},
    - "declared\_annotations": {
      - "property1": { },
      - "property2": { }},
      - "redefined\_count": 0},
      - "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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- "property2": "string"}

}`

**post/remote\_sites/{name}/max\_bandwidth/updateMaxBandwidth**

**path Parameters**

| | | | --- | --- | | name required | string |

**Request Body schema: application/json**

| | | | --- | --- | | value | integer |

**Responses**

**200**

Successful operation

post/remote\_sites/{name}/max\_bandwidth

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/max\_bandwidth

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

curl --request POST \ --url https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/max\_bandwidth \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": 0 }'

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

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}`

**post/remote\_sites/{name}/proxy/enableProxy**

**path Parameters**

| | | | --- | --- | | name required | string |

**Request Body schema: application/json**

| | | | --- | --- | | value | boolean |

**Responses**

**200**

Successful operation

post/remote\_sites/{name}/proxy

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/proxy

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

curl --request POST \ --url https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/proxy \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": true }'

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

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- "property2": {
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- "latency\_in\_usecs": 0,
- "marked\_for\_removal": true,
- "max\_bps": 0,
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    - "src\_hypervisor\_type": "string",
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- "uuid": "string"},
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- "region": "string",
- "remote\_dr\_external\_subnet": "string",
- "remote\_dr\_external\_subnet\_address": {
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- "inet\_address": {
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      - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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      - "lookup\_table": {
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        - "property2": null},
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        - { }},
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  - "property2": { }},
- "declared\_annotations": {
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  - "property2": { }},
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- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
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- "superclass": { }},
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- "serial\_persistent\_fields": [
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- "unshared": true}],
- "unknown\_array": [
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- "log": {
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    - "is\_stretch\_empty": true,
    - "max\_capacity": 0,
    - "metro\_pd": "string",
    - "used\_physical\_size": 0},
  - "property2": {
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    - "is\_stretch\_empty": true,
    - "max\_capacity": 0,
    - "metro\_pd": "string",
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      - "id": "string",
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        - "property2": "string"},
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        - "property2": "string"},
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      - "vstore\_name\_map": {
        - "property1": "string",
        - "property2": "string"}

```
}
```

## post/remote\_sites/{name}/remove\_remote\_ip/removeRemotelp

### path Parameters

||| |---|---|| name required | string |

### Request Body schema: application/json

||| |---|---|| address | object (create.common.Address) |

### Responses

#### 200

Successful operation

post/remote\_sites/{name}/remove\_remote\_ip

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/remove\_remote\_ip

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

### Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/remove_remote_ip \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \ --data '{ "address": { "hostname": "string",
"innet_address": { "empty": { "empty": "This API contains a circular reference, Refer to the spec file that can be
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```

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Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "alert_summary": {
  • "alert_summaries": {
    • "property1": {
    • "entities": [
      • {
      • "acknowledged": true,
      • "acknowledged_by_username": "string",
      • "acknowledged_time_stamp_in_usecs": 0,
      • "affected_entities": [
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        • "entity_type": "string",
        • "entity_type_display_name": "string",
        • "id": "string",
        • "uuid": "string"}],
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        • "metric_details": [
        • {
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          • "condition_type": "STATIC_THRESHOLD",
          • "data_type": "LONG",
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          • "entity_type": "string",
          • "metric_category": "string",
          • "metric_display_name": "string",
          • "metric_name": "string",
          • "metric_value_details": [
            • null],
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          • "severity_change_timestamp_in_usecs": 0}}],
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      • "alert_type_uuid": "string",
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      • "check_id": "string",
      • "classifications": [
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      • "cluster_uuid": "string",
      • "context_types": [
        • "string"],
```



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- "detailed\_message": "string",
- "entity\_ids": [
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- "entity\_types": [
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- "impact": "string",
- "impact\_types": [
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- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
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        - "entity\_list": [ ],
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          - "end\_index": null,
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          - "previous\_cursor": null,
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          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
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        - "parent\_cause\_id": "string",
        - "title": "string",
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    - "uuid": "string"}},
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- "impact\_types": [
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- "operation\_type": "string",
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          - "start\_index": null,
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  - "previous\_cursor": "string",
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- "policy\_uuid": "string"},
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        - "fields\_offset": 0,
        - "holder": {
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          - "family": 0,
          - "host\_name": "string",
          - "original\_host\_name": "string"},
        - "impl": { },
        - "ipv4": 0,
        - "ipv6": 0,
        - "lookup\_table": {
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          - "property2": null},
        - "max\_cache\_time": 0,
        - "name\_services": [
          - { },

- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
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    - "offset": 0,
    - "signature": "string",
    - "type": {
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- "port": 0,
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- "cluster\_incarnation\_id": 0,
- "cluster\_type": [
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- "usage\_stats": {
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- "property2": "string"},
- "uuid": "string",
- "vstore\_name\_map": {
- "property1": "string",
- "property2": "string"}

}`

## post/remote\_sites/{name}/unmap\_vstore/unmapVStores

### path Parameters

||| | --- | --- || name required | string |

### Request Body schema: application/json

||| | --- | --- || value | string |

### Responses

#### 200

Successful operation

post/remote\_sites/{name}/unmap\_vstore

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites/{name}/unmap\_vstore

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites/{name}/unmap_vstore \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": "string" }'
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
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  • "alert_summaries": {
    • "property1": {
    • "entities": [
      • {
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      • "acknowledged_time_stamp_in_usecs": 0,
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        • "entity_type": "string",
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        • "uuid": "string"}],
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        • "metric_details": [
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```

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• "uuid": "string",
• "vstore_name_map": {
• "property1": "string",
• "property2": "string"}
}
`

```

## Update a Remote Site.

Update the configuration of the specified Remote Site.

### Request Body schema: application/json required

A Remote Site instance

||| | --- | --- || alert\_summary | object (update.dto.alerts.AlertSummaryDTO) || bandwidth\_policy | object (update.dto.dr.BandwidthPolicyDTO) This DTO describes bandwidth throttling policies for different time schedules || bandwidth\_policy\_enabled | boolean || capabilities | Array of strings Items Enum: "BACKUP" "DISASTER\_RECOVERY" "METRO\_AVAILABILITY" "SUPPORT\_DEDUPED\_EXTENTS" "SUPPORT\_VSPHERE" "SUPPORT\_HYPERV" "SUPPORT\_KVM" || cloud\_type | string Enum: "AWS" "AZURE" || cluster\_arch | string || cluster\_external\_data\_services\_address | object (update.common.Address) || cluster\_external\_data\_services\_ipaddress | string || cluster\_id | integer || cluster\_incarnation\_id | integer || cluster\_type | Array of strings Items Enum: "LIGHT\_COMPUTE" "SINGLE\_NODE\_BACKUP" || compression\_enabled | boolean || credential\_name | string || cvm\_name | string || health\_summary | object (update.dto.health.check.HealthSummaryDTO) || latency\_in\_usecs | integer || marked\_for\_removal | boolean || max\_bps | integer || metro\_ready | boolean || name | string || network\_mapping | object (update.dto.dr.NetworkMappingDTO) This DTO describes network mapping from source to destination cluster based on network uuids || proxy\_enabled | boolean || region | string || remote\_dr\_external\_subnet | string || remote\_dr\_external\_subnet\_address | object (update.common.Address) || remote\_ip\_address\_ports | object || remote\_ip\_ports | object || remote\_vstore\_info | object || replication\_links | Array of objects (update.dto.dr.ReplicationLinkDTO) || ssh\_enabled | boolean || stats | object || status | string Enum: "HANDSHAKING" "UNREACHABLE" "STRETCH\_UNHEALTHY" "RELATIONSHIP\_NOT\_ESTABLISHED" "RELATIONSHIP\_ESTABLISHED" "DEPLOYING" || usage\_stats | object || uuid | string || vstore\_name\_map | object |

## Responses

### 200

Successful operation

put/remote\_sites

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/remote\_sites

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/remote_sites \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "alert_summary": { "alert_summaries": { "property1": { "entities": [ { "acknowledged": true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0, "affected_entities": [ { "entity_name": "string", "entity_type": "string", "entity_type_display_name": "string", "id": "string", "uuid": "string" } ], "alert_details": { "metric_details": [ { "comparison_operator": "string", "condition_type": "STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string",

```

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Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

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      "acknowledged_by_username": "string",
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  - "cache\_lock": { },
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          - "signature": "string",
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- "superclass": { }},
- "initiated": true,
- "name": "string",
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## /snapshots

### Clone a Snapshot.

Clone a Snapshot. If a UUID is specified for the cloned snapshot, then the operation will be idempotent. If `overrideNetworkConfig` is set to `true` in the clone spec, then the source snapshot's network configuration is overridden by one specified in the `nic` list. If false, the clone will inherit its basic network configuration from the source, minus MAC and IP address. This is also an asynchronous operation that results in the creation of a task object. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the `/tasks/poll` API.

#### path Parameters

| | | | --- | --- | | uuid required | string Id of the Snapshot |

#### Request Body schema: application/json

Clone a Snapshot

||| |--- |--- || spec\_list | Array of objects (create.dto.acropolis.VMCloneSpecDTO) | | uuid | string |

## Responses

### 200

Successful operation

post/snapshots/{uuid}/clone

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snapshots/{uuid}/clone

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snapshots/{uuid}/clone \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "spec_list": [ { "boot_config": { "boot_device_order": [ "string" ], "boot_device_type": "CDROM", "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "hardware_virtualization": true, "mac_addr": "string", "secure_boot": true, "uefi_boot": true }, "clone_affinity": true, "memory_mb": 0, "name": "string", "num_cores_per_vcpu": 0, "num_vcpus": 0, "override_network_config": true, "uuid": "string", "vm_nics": [ { "adapter_type": "E1000", "ip_address": "string", "ip_addresses": [ "string" ], "is_connected": true, "mac_address": "string", "model": "string", "network_uuid": "string", "nic_uuid": "string", "port_id": "string", "request_ip": true, "requested_ip_address": "string", "vlan_mode": "Access" } ] } ], "uuid": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

## Create Virtual Machine snapshots.

Create Virtual Machine snapshots. If a UUID is specified for the snapshot, this operation will be idempotent. If multiple VMs are specified, all of their configurations and disks will fall into the same consistency group. Since this operation requires the coordination of multiple resources, it should not be abused by specifying more than several VMs at a time. Snapshots are crash-consistent. They do not include the VM's current memory image, only the VM configuration and its disk contents. The snapshot is taken atomically across all of a VM's configuration and disks to ensure consistency. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

## Request Body schema: application/json required

Create a snapshot

||| |--- |--- || snapshot\_specs | Array of objects (create.dto.acropolis.SnapshotSpecDTO) |

## Responses

### 200

Successful operation

post/snapshots

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snapshots

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snapshots \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "snapshot_specs": [ { "snapshot_name": "string", "uuid": "string", "vm_logical_timestamp": 0, "vm_uuid": "string" } ] }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
```

- "task\_uuid": "string"

```
}
```

### Delete a snapshot.

Delete a snapshot. This operation is idempotent. The logical timestamp can optionally be provided for consistency. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the snapshot logical timestamp. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

#### path Parameters

||| |---|---|| uuid required | string Id of the Snapshot |

#### query Parameters

||| |---|---|| logical\_timestamp | integer Logical timestamp |

### Responses

200

Successful operation

delete/snapshots/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snapshots/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snapshots/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

Get a list of snapshots in a cluster.

Get a list of snapshots in a cluster.

query Parameters

||| --- | --- || vm\_uuid | string Uuid of the vm |

Responses

200

Successful operation

get/snapshots

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snapshots

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

``` curl --request GET \ --url https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snapshots \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

Response samples

200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "entities": [
    {
```

- "created\_time": 0,
- "deleted": true,
- "group\_uuid": "string",
- "logical\_timestamp": 0,
- "snapshot\_name": "string",
- "uuid": "string",
- "vm\_create\_spec": {
- "allow\_live\_migrate": true,
- "boot": {
  - "boot\_device\_order": [
  - "CDROM"],
  - "boot\_device\_type": "CDROM",
  - "disk\_address": {
  - "device\_bus": "SCSI",
  - "device\_index": 0,
  - "device\_uuid": "string",
  - "disk\_label": "string",
  - "is\_cdrom": true,
  - "ndfs\_filepath": "string",
  - "vmdisk\_uuid": "string",
  - "volume\_group\_uuid": "string"},
  - "hardware\_virtualization": true,
  - "mac\_addr": "string",
  - "secure\_boot": true,
  - "uefi\_boot": true},
- "cbr\_not\_capable\_reason": "string",
- "clear\_affinity": true,
- "description": "string",
- "gpus\_assigned": true,
- "guest\_driver\_version": "string",
- "guest\_os": "string",
- "ha\_priority": 0,
- "host\_uuid": "string",
- "machine\_type": "PC",
- "memory\_mb": 0,
- "memory\_reservation\_mb": 0,
- "name": "string",
- "num\_cores\_per\_vcpu": 0,
- "num\_vcpus": 0,
- "power\_state": "UNKNOWN",
- "serial\_ports": [
  - {
  - "index": 0,
  - "type": "NULL"}],
- "storage\_container\_uuid": "string",
- "timezone": "string",
- "tools\_installer\_mounted": true,
- "tools\_running\_status": "UNKNOWN",
- "uuid": "string",
- "vcpu\_reservation\_hz": 0,
- "vm\_customization\_config": {
  - "datasource\_type": "CONFIG\_DRIVE\_V2",
  - "files\_to\_inject\_list": [
    - {
    - "destination\_path": "string",
    - "source\_path": "string"}],
  - "fresh\_install": true,
  - "userdata": "string",
  - "userdata\_path": "string"},

- "vm\_disk\_info": [
  - {
  - "datasource\_uuid": "string",
  - "disk\_address": {
    - "device\_bus": "SCSI",
    - "device\_index": 0,
    - "device\_uuid": "string",
    - "disk\_label": "string",
    - "is\_cdrom": true,
    - "ndfs\_filepath": "string",
    - "vmdisk\_uuid": "string",
    - "volume\_group\_uuid": "string"},
    - "flash\_mode\_enabled": true,
    - "is\_cdrom": true,
    - "is\_empty": true,
    - "is\_hot\_remove\_enabled": true,
    - "is\_scsi\_passthrough": true,
    - "is\_thin\_provisioned": true,
    - "shared": true,
    - "size": 0,
    - "source\_disk\_address": {
      - "device\_bus": "SCSI",
      - "device\_index": 0,
      - "device\_uuid": "string",
      - "disk\_label": "string",
      - "is\_cdrom": true,
      - "ndfs\_filepath": "string",
      - "vmdisk\_uuid": "string",
      - "volume\_group\_uuid": "string"},
      - "storage\_container\_uuid": "string"}},
    - "vm\_disks": [
      - {
      - "disk\_address": {
        - "device\_bus": "SCSI",
        - "device\_index": 0,
        - "device\_uuid": "string",
        - "disk\_label": "string",
        - "is\_cdrom": true,
        - "ndfs\_filepath": "string",
        - "vmdisk\_uuid": "string",
        - "volume\_group\_uuid": "string"},
        - "flash\_mode\_enabled": true,
        - "is\_cdrom": true,
        - "is\_empty": true,
        - "is\_scsi\_pass\_through": true,
        - "is\_thin\_provisioned": true,
        - "vm\_disk\_clone": {
          - "disk\_address": {
            - "device\_bus": "SCSI",
            - "device\_index": 0,
            - "device\_uuid": "string",
            - "disk\_label": "string",
            - "is\_cdrom": true,
            - "ndfs\_filepath": "string",
            - "vmdisk\_uuid": "string",
            - "volume\_group\_uuid": "string"},
            - "minimum\_size": 0,
            - "snapshot\_group\_uuid": "string",
            - "storage\_container\_uuid": "string"},

- "vm\_disk\_clone\_external": {
  - "external\_disk\_url": "string",
  - "size": 0,
  - "storage\_container\_uuid": "string"},
- "vm\_disk\_create": {
  - "size": 0,
  - "storage\_container\_uuid": "string"},
- "vm\_disk\_passthru\_external": {
  - "external\_disk\_url": "string",
  - "storage\_container\_uuid": "string"}}},
  - "vm\_features": {
    - "property1": true,
    - "property2": true},
  - "vm\_gpus": [
    - {
      - "assignable": true,
      - "device\_id": 0,
      - "device\_name": "string",
      - "fraction": 0,
      - "frame\_buffer\_size\_bytes": 0,
      - "gpu\_mode": "UNUSED",
      - "gpu\_profile": "string",
      - "gpu\_type": "PASS\_THROUGH\_GRAPHICS",
      - "gpu\_vendor": "NVIDIA",
      - "guest\_driver\_version": "string",
      - "in\_use": true,
      - "licenses": [
        - "string"],
      - "max\_instances\_per\_vm": 0,
      - "max\_resolution": "string",
      - "num\_virtual\_display\_heads": 0,
      - "numa\_node": 0,
      - "sddf": "string",
      - "vm\_uuids": [
        - "string"]}],
      - "vm\_logical\_timestamp": 0,
      - "vm\_nics": [
        - {
          - "adapter\_type": "E1000",
          - "ip\_address": "string",
          - "ip\_addresses": [
            - "string"],
          - "is\_connected": true,
          - "mac\_address": "string",
          - "model": "string",
          - "network\_uuid": "string",
          - "nic\_uuid": "string",
          - "port\_id": "string",
          - "request\_ip": true,
          - "requested\_ip\_address": "string",
          - "vlan\_mode": "Access"}}},
        - "vm\_create\_specification": {
        - "boot\_config": {
          - "boot\_device\_order": [
            - "CDROM"],
          - "boot\_device\_type": "CDROM",
          - "disk\_address": {
            - "device\_bus": "SCSI",
            - "device\_index": 0,



- "device\_uuid": "string",
- "disk\_label": "string",
- "is\_cdrom": true,
- "ndfs\_filepath": "string",
- "vmdisk\_uuid": "string",
- "volume\_group\_uuid": "string"},
- "hardware\_virtualization": true,
- "mac\_addr": "string",
- "secure\_boot": true,
- "uefi\_boot": true},
- "container\_uuid": "string",
- "description": "string",
- "ha\_priority": 0,
- "host\_id": "string",
- "hypervisor\_type": "ACROPOLIS",
- "memory\_mb": 0,
- "memory\_reservation\_mb": 0,
- "name": "string",
- "num\_cores\_per\_vcpu": 0,
- "num\_vcpus": 0,
- "timezone": "string",
- "uuid": "string",
- "vcpu\_reservation\_hz": 0,
- "vm\_customization\_config": {
  - "datasource\_type": "CONFIG\_DRIVE\_V2",
  - "files\_to\_inject\_list": [
    - {
      - "destination\_path": "string",
      - "source\_path": "string"}],
  - "fresh\_install": true,
  - "userdata": "string",
  - "userdata\_path": "string"},
- "vm\_disks": [
  - {
    - "disk\_address": {
      - "device\_bus": "SCSI",
      - "device\_index": 0,
      - "device\_uuid": "string",
      - "disk\_label": "string",
      - "is\_cdrom": true,
      - "ndfs\_filepath": "string",
      - "vmdisk\_uuid": "string",
      - "volume\_group\_uuid": "string"},
    - "is\_cdrom": true,
    - "is\_empty": true,
    - "is\_scsi\_pass\_through": true,
    - "is\_thin\_provisioned": true,
    - "vm\_disk\_clone": {
      - "container\_uuid": "string",
      - "image\_path": "string",
      - "minimum\_size": 0,
      - "minimum\_size\_mb": 0,
      - "ndfs\_filepath": "string",
      - "snapshot\_group\_id": "string",
      - "vm\_disk\_uuid": "string",
      - "vmdisk\_uuid": "string"},
    - "vm\_disk\_create": {
      - "container\_id": 0,
      - "container\_name": "string",

- "container\_uuid": "string",
- "size": 0,
- "size\_mb": 0}}],
- "vm\_gpus": [
  - {
  - "assignable": true,
  - "device\_id": 0,
  - "device\_name": "string",
  - "fraction": 0,
  - "frame\_buffer\_size\_bytes": 0,
  - "gpu\_mode": "UNUSED",
  - "gpu\_profile": "string",
  - "gpu\_type": "PASS\_THROUGH\_GRAPHICS",
  - "gpu\_vendor": "NVIDIA",
  - "guest\_driver\_version": "string",
  - "in\_use": true,
  - "licenses": [
    - "string"],
  - "max\_instances\_per\_vm": 0,
  - "max\_resolution": "string",
  - "num\_virtual\_display\_heads": 0,
  - "numa\_node": 0,
  - "sddf": "string",
  - "vm\_uuids": [
    - "string"]}],
  - "vm\_nics": [
    - {
    - "adapter\_type": "E1000",
    - "ip\_address": "string",
    - "ip\_addresses": [
      - "string"],
    - "is\_connected": true,
    - "mac\_address": "string",
    - "model": "string",
    - "network\_uuid": "string",
    - "nic\_uuid": "string",
    - "port\_id": "string",
    - "request\_ip": true,
    - "requested\_ip\_address": "string",
    - "vlan\_mode": "Access"}}],
    - "vm\_uuid": "string"]],
    - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
    - "message": "string"},
    - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}

}

## Get details of a specified snapshot.

Get details of a specified snapshot.

### path Parameters

| | | | --- | --- | | uuid required | string Id of the Snapshot |

### Responses

#### 200

Successful operation

get/snapshots/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snapshots/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snapshots/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
'''
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
```

- "created\_time": 0,
- "deleted": true,
- "group\_uuid": "string",
- "logical\_timestamp": 0,
- "snapshot\_name": "string",
- "uuid": "string",
- "vm\_create\_spec": {
- "allow\_live\_migrate": true,
- "boot": {
- • "boot\_device\_order": [
- • "CDROM"],
- • "boot\_device\_type": "CDROM",
- • "disk\_address": {
- • "device\_bus": "SCSI",
- • "device\_index": 0,
- • "device\_uuid": "string",
- • "disk\_label": "string",
- • "is\_cdrom": true,

- "ndfs\_filepath": "string",
- "vmdisk\_uuid": "string",
- "volume\_group\_uuid": "string"},
- "hardware\_virtualization": true,
- "mac\_addr": "string",
- "secure\_boot": true,
- "uefi\_boot": true},
- "cbr\_not\_capable\_reason": "string",
- "clear\_affinity": true,
- "description": "string",
- "gpus\_assigned": true,
- "guest\_driver\_version": "string",
- "guest\_os": "string",
- "ha\_priority": 0,
- "host\_uuid": "string",
- "machine\_type": "PC",
- "memory\_mb": 0,
- "memory\_reservation\_mb": 0,
- "name": "string",
- "num\_cores\_per\_vcpu": 0,
- "num\_vcpus": 0,
- "power\_state": "UNKNOWN",
- "serial\_ports": [
  - {
  - "index": 0,
  - "type": "NULL"}],
- "storage\_container\_uuid": "string",
- "timezone": "string",
- "tools\_installer\_mounted": true,
- "tools\_running\_status": "UNKNOWN",
- "uuid": "string",
- "vcpu\_reservation\_hz": 0,
- "vm\_customization\_config": {
  - "datasource\_type": "CONFIG\_DRIVE\_V2",
  - "files\_to\_inject\_list": [
    - {
      - "destination\_path": "string",
      - "source\_path": "string"}],
  - "fresh\_install": true,
  - "userdata": "string",
  - "userdata\_path": "string"},
- "vm\_disk\_info": [
  - {
  - "datasource\_uuid": "string",
  - "disk\_address": {
    - "device\_bus": "SCSI",
    - "device\_index": 0,
    - "device\_uuid": "string",
    - "disk\_label": "string",
    - "is\_cdrom": true,
    - "ndfs\_filepath": "string",
    - "vmdisk\_uuid": "string",
    - "volume\_group\_uuid": "string"},
  - "flash\_mode\_enabled": true,
  - "is\_cdrom": true,
  - "is\_empty": true,
  - "is\_hot\_remove\_enabled": true,
  - "is\_scsi\_passthrough": true,
  - "is\_thin\_provisioned": true,

- "shared": true,
- "size": 0,
- "source\_disk\_address": {
  - "device\_bus": "SCSI",
  - "device\_index": 0,
  - "device\_uuid": "string",
  - "disk\_label": "string",
  - "is\_cdrom": true,
  - "ndfs\_filepath": "string",
  - "vmdisk\_uuid": "string",
  - "volume\_group\_uuid": "string"},
  - "storage\_container\_uuid": "string"}],
  - "vm\_disks": [
    - {
      - "disk\_address": {
        - "device\_bus": "SCSI",
        - "device\_index": 0,
        - "device\_uuid": "string",
        - "disk\_label": "string",
        - "is\_cdrom": true,
        - "ndfs\_filepath": "string",
        - "vmdisk\_uuid": "string",
        - "volume\_group\_uuid": "string"},
      - "flash\_mode\_enabled": true,
      - "is\_cdrom": true,
      - "is\_empty": true,
      - "is\_scsi\_pass\_through": true,
      - "is\_thin\_provisioned": true,
      - "vm\_disk\_clone": {
        - "disk\_address": {
          - "device\_bus": "SCSI",
          - "device\_index": 0,
          - "device\_uuid": "string",
          - "disk\_label": "string",
          - "is\_cdrom": true,
          - "ndfs\_filepath": "string",
          - "vmdisk\_uuid": "string",
          - "volume\_group\_uuid": "string"},
        - "minimum\_size": 0,
        - "snapshot\_group\_uuid": "string",
        - "storage\_container\_uuid": "string"},
      - "vm\_disk\_clone\_external": {
        - "external\_disk\_url": "string",
        - "size": 0,
        - "storage\_container\_uuid": "string"},
      - "vm\_disk\_create": {
        - "size": 0,
        - "storage\_container\_uuid": "string"},
      - "vm\_disk\_passthru\_external": {
        - "external\_disk\_url": "string",
        - "storage\_container\_uuid": "string"}}}
      - "vm\_features": {
        - "property1": true,
        - "property2": true},
      - "vm\_gpus": [
        - {
          - "assignable": true,
          - "device\_id": 0,
          - "device\_name": "string",

- "fraction": 0,
- "frame\_buffer\_size\_bytes": 0,
- "gpu\_mode": "UNUSED",
- "gpu\_profile": "string",
- "gpu\_type": "PASS\_THROUGH\_GRAPHICS",
- "gpu\_vendor": "NVIDIA",
- "guest\_driver\_version": "string",
- "in\_use": true,
- "licenses": [
  - "string"],
- "max\_instances\_per\_vm": 0,
- "max\_resolution": "string",
- "num\_virtual\_display\_heads": 0,
- "numa\_node": 0,
- "sbsd": "string",
- "vm\_uuids": [
  - "string"]],
- "vm\_logical\_timestamp": 0,
- "vm\_nics": [
  - {
    - "adapter\_type": "E1000",
    - "ip\_address": "string",
    - "ip\_addresses": [
      - "string"],
    - "is\_connected": true,
    - "mac\_address": "string",
    - "model": "string",
    - "network\_uuid": "string",
    - "nic\_uuid": "string",
    - "port\_id": "string",
    - "request\_ip": true,
    - "requested\_ip\_address": "string",
    - "vlan\_mode": "Access"}}],
  - "vm\_create\_specification": {
  - "boot\_config": {
    - "boot\_device\_order": [
      - "CDROM"],
    - "boot\_device\_type": "CDROM",
    - "disk\_address": {
      - "device\_bus": "SCSI",
      - "device\_index": 0,
      - "device\_uuid": "string",
      - "disk\_label": "string",
      - "is\_cdrom": true,
      - "ndfs\_filepath": "string",
      - "vmdisk\_uuid": "string",
      - "volume\_group\_uuid": "string"},
      - "hardware\_virtualization": true,
      - "mac\_addr": "string",
      - "secure\_boot": true,
      - "uefi\_boot": true},
    - "container\_uuid": "string",
    - "description": "string",
    - "ha\_priority": 0,
    - "host\_id": "string",
    - "hypervisor\_type": "ACROPOLIS",
    - "memory\_mb": 0,
    - "memory\_reservation\_mb": 0,
    - "name": "string",

- "num\_cores\_per\_vcpu": 0,
- "num\_vcpus": 0,
- "timezone": "string",
- "uuid": "string",
- "vcpu\_reservation\_hz": 0,
- "vm\_customization\_config": {
  - "datasource\_type": "CONFIG\_DRIVE\_V2",
  - "files\_to\_inject\_list": [
    - {
      - "destination\_path": "string",
      - "source\_path": "string"}},
    - "fresh\_install": true,
    - "userdata": "string",
    - "userdata\_path": "string"},
  - "vm\_disks": [
    - {
      - "disk\_address": {
        - "device\_bus": "SCSI",
        - "device\_index": 0,
        - "device\_uuid": "string",
        - "disk\_label": "string",
        - "is\_cdrom": true,
        - "ndfs\_filepath": "string",
        - "vmdisk\_uuid": "string",
        - "volume\_group\_uuid": "string"},
      - "is\_cdrom": true,
      - "is\_empty": true,
      - "is\_scsi\_pass\_through": true,
      - "is\_thin\_provisioned": true,
      - "vm\_disk\_clone": {
        - "container\_uuid": "string",
        - "image\_path": "string",
        - "minimum\_size": 0,
        - "minimum\_size\_mb": 0,
        - "ndfs\_filepath": "string",
        - "snapshot\_group\_id": "string",
        - "vm\_disk\_uuid": "string",
        - "vmdisk\_uuid": "string"},
      - "vm\_disk\_create": {
        - "container\_id": 0,
        - "container\_name": "string",
        - "container\_uuid": "string",
        - "size": 0,
        - "size\_mb": 0}}},
    - "vm\_gpus": [
      - {
        - "assignable": true,
        - "device\_id": 0,
        - "device\_name": "string",
        - "fraction": 0,
        - "frame\_buffer\_size\_bytes": 0,
        - "gpu\_mode": "UNUSED",
        - "gpu\_profile": "string",
        - "gpu\_type": "PASS\_THROUGH\_GRAPHICS",
        - "gpu\_vendor": "NVIDIA",
        - "guest\_driver\_version": "string",
        - "in\_use": true,
        - "licenses": [
          - "string"],

- "max\_instances\_per\_vm": 0,
- "max\_resolution": "string",
- "num\_virtual\_display\_heads": 0,
- "numa\_node": 0,
- "sbdf": "string",
- "vm\_uuids": [
  - "string"]],
- "vm\_nics": [
  - {
  - "adapter\_type": "E1000",
  - "ip\_address": "string",
  - "ip\_addresses": [
    - "string"],
  - "is\_connected": true,
  - "mac\_address": "string",
  - "model": "string",
  - "network\_uuid": "string",
  - "nic\_uuid": "string",
  - "port\_id": "string",
  - "request\_ip": true,
  - "requested\_ip\_address": "string",
  - "vlan\_mode": "Access"]}],
- "vm\_uuid": "string"

}

## /snmp

### Add SNMP Transports.

Add SNMP Transports to the existing SNMP Transports.

**Request Body schema: application/json required**

List of SNMP Transports

Array

||| | --- | --- || port | integer [ 0 .. 65536 ] || transport\_protocol | string Enum: "TCP" "TCP\_6" "UDP" "UDP\_6" |

### Responses

**200**

Successful operation

post/snmp/add\_transports

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/add\_transports

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/add_transports \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```



Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
[
  {
    "port": 65536,
    "transport_protocol": "TCP"
  }
]
```

Add SNMP Trap.

Add SNMP Trap to the cluster.

Request Body schema: application/json required

An SNMP Trap instance

```
||| |---|---|| community_string | string || engine_id | string || inform | boolean || log | object (org.slf4j.Logger) || port | integer [ 0 .. 65536 ] || receiver_name | string || transport_protocol | string Enum: "TCP" "TCP_6" "UDP" "UDP_6" || trap_address | string || trap_username | string || version | string Enum: "SNMPv2C" "SNMPv3" |
```

Responses

200

Successful operation

post/snmp/traps

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/traps

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/traps \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "community_string": "string", "engine_id": "string", "inform": true, "log": { "root_logger_name": "string" }, "port": 0, "receiver_name": "string", "transport_protocol": "TCP", "trap_address": "string", "trap_username": "string", "version": "SNMPv2C" }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
```

```
• "community_string": "string",
• "engine_id": "string",
• "inform": true,
• "log": {
• "root_logger_name": "string"},
• "port": 65536,
• "receiver_name": "string",
• "transport_protocol": "TCP",
• "trap_address": "string",
• "trap_username": "string",
• "version": "SNMPv2C"
}`
```

## Add SNMP User.

Add SNMP User to the cluster.

### Request Body schema: application/json required

An SNMP User instance

||| --- |--- || auth\_key | string || auth\_type | string Value: "SHA" || priv\_key | string || priv\_type | string Value: "AES" || username | string |

## Responses

### 200

Successful operation

post/snmp/users

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/users

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/users \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "auth_key": "string", "auth_type": "SHA", "priv_key": "string", "priv_type": "AES", "username": "string" }'
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
• "auth_key": "string",
• "auth_type": "SHA",
• "priv_key": "string",
• "priv_type": "AES",
• "username": "string"
}`
```

## Delete SNMP Trap.

Delete SNMP Trap with the specified address

### path Parameters

||| --- | --- || trap\_address required | string Address of the SNMP Trap |

### Responses

#### 200

Successful operation

delete/snmp/traps/{trap\_address}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/traps/{trap\_address}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/traps/{trap_address} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
  "value": true
}`
```

## Delete SNMP User.

Delete SNMP User with the specified name.

### path Parameters

||| --- | --- || username required | string Name of the SNMP User |

### Responses

#### 200

Successful operation

delete/snmp/users/{username}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/users/{username}

### Request samples

- cURL

- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/users/{username} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

...

## Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

## Edit SNMP Trap.

Edit the specified SNMP Trap.

### Request Body schema: application/json required

An SNMP Trap instance

```
||| |---|---|| community_string | string | | engine_id | string | | inform | boolean | | log | object (org.slf4j.Logger) | | port | integer [ 0 .. 65536 ] | | receiver_name | string | | transport_protocol | string Enum: "TCP" "TCP_6" "UDP" "UDP_6" | | trap_address | string | | trap_username | string | | version | string Enum: "SNMPv2C" "SNMPv3" |
```

## Responses

### 200

Successful operation

put/snmp/traps

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/traps

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/traps \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "community_string": "string", "engine_id": "string", "inform": true, "log": { "root_logger_name": "string" }, "port": 0, "receiver_name": "string", "transport_protocol": "TCP", "trap_address": "string", "trap_username": "string", "version": "SNMPv2C" }'
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "community_string": "string",
  • "engine_id": "string",
  • "inform": true,
  • "log": {
  • "root_logger_name": "string"},
  • "port": 65536,
  • "receiver_name": "string",
  • "transport_protocol": "TCP",
  • "trap_address": "string",
  • "trap_username": "string",
  • "version": "SNMPv2C"
}`
```

Edit SNMP User.

Edit the specified SNMP User.

Request Body schema: application/json required

An SNMP User instance

||| --- | --- || auth\_key | string || auth\_type | string Value: "SHA" || priv\_key | string || priv\_type | string Value: "AES" || username | string |

Responses

200

Successful operation

put/snmp/users

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/users

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/users \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "auth_key": "string", "auth_type": "SHA", "priv_key": "string", "priv_type": "AES", "username": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

```
`{  
  
  • "auth_key": "string",  
  • "auth_type": "SHA",  
  • "priv_key": "string",  
  • "priv_type": "AES",  
  • "username": "string"  
  
}`
```

## Enable/Disable SNMP configuration.

Enable/Disable SNMP configuration in the cluster.

### Request Body schema: application/json required

Enable SNMP Status

||| |---|---|| value | boolean |

### Responses

#### 200

Successful operation

put/snmp/status

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/status

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/status \ --header 'Accept:  
application/json' \ --header 'Content-Type: application/json' \ --data '{ "value": true }'
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{  
  
  • "enabled": true,  
  • "snmp_transports": [  
  • {  
    • "port": 65536,  
    • "transport_protocol": "TCP"}],  
  • "snmp_traps": [  
  • {  
    • "community_string": "string",  
    • "engine_id": "string",  
    • "inform": true,
```

```
    • "log": {
    • "root_logger_name": "string"),
    • "port": 65536,
    • "receiver_name": "string",
    • "transport_protocol": "TCP",
    • "trap_address": "string",
    • "trap_username": "string",
    • "version": "SNMPv2C"}},
  • "snmp_users": [
  • {
    • "auth_key": "string",
    • "auth_type": "SHA",
    • "priv_key": "string",
    • "priv_type": "AES",
    • "username": "string"}}
  ]
}
```

## Get SNMP configuration.

Get the complete SNMP configuration including Users, Transports and Traps configured in the cluster.

### Responses

200

Successful operation

get/snmp

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
`` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
``
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  • "enabled": true,
  • "snmp_transports": [
  • {
    • "port": 65536,
    • "transport_protocol": "TCP"}],
}
```

```

    • "snmp_traps": [
    • {
        • "community_string": "string",
        • "engine_id": "string",
        • "inform": true,
        • "log": {
        • "root_logger_name": "string"},
        • "port": 65536,
        • "receiver_name": "string",
        • "transport_protocol": "TCP",
        • "trap_address": "string",
        • "trap_username": "string",
        • "version": "SNMPv2C"}],
    • "snmp_users": [
    • {
        • "auth_key": "string",
        • "auth_type": "SHA",
        • "priv_key": "string",
        • "priv_type": "AES",
        • "username": "string"}}
    ]
}
```

## Get SNMP Trap.

Get SNMP Trap with the specified address.

### path Parameters

||| |---|---|| trap\_address required | string Address of the SNMP Trap |

### Responses

#### 200

Successful operation

get/snmp/traps/{trap\_address}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/traps/{trap\_address}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/traps/{trap_address} \ --header 'Accept: application/json' \ --header
'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy



Expand all Collapse all

```
`{  
  
  • "community_string": "string",  
  • "engine_id": "string",  
  • "inform": true,  
  • "log": {  
  • "root_logger_name": "string"},  
  • "port": 65536,  
  • "receiver_name": "string",  
  • "transport_protocol": "TCP",  
  • "trap_address": "string",  
  • "trap_username": "string",  
  • "version": "SNMPv2C"  
  
}`
```

## Get SNMP User.

Get SNMP User with the specified name.

### path Parameters

||| | --- | --- || username required | string Name of the SNMP User |

### Responses

#### 200

Successful operation

get/snmp/users/{username}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/users/{username}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/users/{username} \ --header 'Accept: application/json' \ --header  
'Content-Type: application/json' \  
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{  
  
  • "auth_key": "string",  
  • "auth_type": "SHA",  
  • "priv_key": "string",  
  • "priv_type": "AES",
```

- "username": "string"

```
}`
```

## Get the list of SNMP Transports.

Get the list of SNMP Transports configured in the cluster.

### Responses

**200**

Successful operation

get/snmp/transports

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/transports

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/transports \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[
```

- {
- "port": 65536,
- "transport\_protocol": "TCP"}

```
]`
```

## Get the list of SNMP Traps.

Get the list of SNMP Traps configured in the cluster.

### Responses

**200**

Successful operation

get/snmp/traps

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/traps

### Request samples

- cURL

- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/traps \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "community_string": "string",
      "engine_id": "string",
      "inform": true,
      "log": {
        "root_logger_name": "string",
        "port": 65536,
        "receiver_name": "string",
        "transport_protocol": "TCP",
        "trap_address": "string",
        "trap_username": "string",
        "version": "SNMPv2C"}],
      "error_info": {
        "count": 0,
        "entity_list": [
          "string"],
        "message": "string",
        "metadata": {
          "count": 0,
          "end_index": 0,
          "filter_criteria": "string",
          "grand_total_entities": 0,
          "next_cursor": "string",
          "page": 0,
          "previous_cursor": "string",
          "search_string": "string",
          "sort_criteria": "string",
          "start_index": 0,
          "total_entities": 0}
    }
  ]
}
```

Get the list of SNMP Users.

Get the list of SNMP Users configured in the cluster.

Responses

Successful operation

get/snmp/users

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/users

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/users \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
- {
  - "auth\_key": "string",
  - "auth\_type": "SHA",
  - "priv\_key": "string",
  - "priv\_type": "AES",
  - "username": "string"]],
  - "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
  - "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}

```
`}
```

**Get the SNMP status.**

Get the SNMP status.

## Responses

### 200

Successful operation

get/snmp/status

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/status

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/status \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

## Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
`}
```

## Modify SNMP Trap.

Modify the specified SNMP Trap.

## Request Body schema: application/json required

An SNMP Trap instance

||| | --- | --- | | cluster\_uuid | string | | generic\_dto | object (patch.dto.appliance.configuration.SnmpTrapDTO) | | operation | string |

## Responses

### 200

Successful operation

patch/snmp/traps

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/traps

## Request samples

- cURL
- Wget
- Python
- Go
- Java

- JavaScript

Copy

```
curl --request PATCH \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/traps \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid": "string", "generic_dto": { "community_string": "string", "engine_id": "string", "inform": true, "log": { "root_logger_name": "string" }, "port": 0, "receiver_name": "string", "transport_protocol": "TCP", "trap_address": "string", "trap_username": "string", "version": "SNMPv2C" }, "operation": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "community_string": "string",
  "engine_id": "string",
  "inform": true,
  "log": {
    "root_logger_name": "string",
    "port": 65536,
    "receiver_name": "string",
    "transport_protocol": "TCP",
    "trap_address": "string",
    "trap_username": "string",
    "version": "SNMPv2C"
  }
}
```

Modify SNMP User.

Modify the specified SNMP User.

Request Body schema: application/json required

An SNMP User instance

```
||| --- | --- || cluster_uuid | string || generic_dto | object (patch.dto.appliance.configuration.SnmpUserDTO) || operation | string |
```

Responses

200

Successful operation

patch/snmp/users

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/users

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PATCH \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/users \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid": "string", "generic_dto": { "auth_key": "string", "auth_type": "SHA", "priv_key": "string", "priv_type": "AES", "username": "string" }, "operation": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "auth_key": "string",
  "auth_type": "SHA",
  "priv_key": "string",
  "priv_type": "AES",
  "username": "string"
}
```

## Remove SNMP Transports.

Remove SNMP Transports from the existing SNMP Transports.

### Request Body schema: application/json required

List of SNMP Transports

Array

||| |---|---| | port | integer [ 0 .. 65536 ] | | transport\_protocol | string Enum: "TCP" "TCP\_6" "UDP" "UDP\_6" |

## Responses

### 200

Successful operation

post/snmp/remove\_transports

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/snmp/remove\_transports

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/snmp/remove_transports \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
'''
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`[  
  
• {  
• "port": 65536,  
• "transport_protocol": "TCP"}  
]
```

/storage\_containers

Add a Storage Container.

Add a Storage Container to the cluster.

Request Body schema: application/json required

A Storage Container instance

```
||| |---|---|| advertised_capacity | integer || affinity_host_uuid | string || alert_summary | object (create.dto.alerts.AlertSummaryDTO) || cluster_uuid | string ||  
compression_delay_in_secs | integer || compression_enabled | boolean || container_uuid | string || down_migrate_times_in_secs | object ||  
enable_software_encryption | boolean || encrypted | boolean || erasure_code | string || erasure_code_delay_secs | integer || finger_print_on_write | string  
Enum: "NONE" "OFF" "ON" || health_summary | object (create.dto.health.check.HealthSummaryDTO) || id | string || ilm_policy | string || inline_ec_enabled |  
boolean || is_nutanix_managed | boolean || mapped_remote_containers | object || marked_for_removal | boolean || max_capacity | integer ||  
max_ec_info_strip_size | integer || name | string || nfs_whitelist | Array of strings || nfs_whitelist_address | Array of objects (create.common.Address) ||  
nfs_whitelist_inherited | boolean || on_disk_dedup | string Enum: "NONE" "OFF" "POST_PROCESS" || oplog_replication_factor | integer ||  
prefer_higher_ecfault_domain | boolean || random_io_preference | Array of strings || replication_factor | integer || seq_io_preference | Array of strings ||  
software_inline_ec_type | string Enum: "ContainerDTO.SoftwareInlineEcType(type same-vdisk-strips)" "ContainerDTO.SoftwareInlineEcType(type  
cross-vdisk-strips)" || stats | object || storage_container_uuid | string || storage_pool_id | string || storage_pool_uuid | string || total_explicit_reserved_capacity |  
integer || total_implicit_reserved_capacity | integer || usage_stats | object || vstore_name_list | Array of strings |
```

Responses

200

Successful operation

post/storage\_containers

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers \ --header  
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "advertised_capacity": 0,  
"affinity_host_uuid": "string", "alert_summary": { "alert_summaries": { "property1": { "entities": [ { "acknowledged":  
true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0, "affected_entities": [ {  
"entity_name": "string", "entity_type": "string", "entity_type_display_name": "string", "id": "string", "uuid":  
"string" } ], "alert_details": { "metric_details": [ { "comparison_operator": "string", "condition_type":  
"STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string", "entity_type": "string", "metric_category": "string",  
"metric_display_name": "string", "metric_name": "string", "metric_value_details": [ { "metric_threshold_value":  
"string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ], "unit": "string" } ], "severity_trails":  
[ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] }, "alert_title": "string", "alert_type_uuid":  
"string", "auto_resolved": true, "categories": [ "string" ], "check_id": "string", "classifications": [ "string" ],  
"cluster_uuid": "string", "context_types": [ "string" ], "context_values": [ "string" ], "created_time_stamp_in_usecs":  
0, "detailed_message": "string", "entity_ids": [ "string" ], "entity_types": [ "string" ], "entity_uuids": [ "string"  
], "id": "string", "impact": "string", "impact_types": [ "string" ], "last_occurrence_time_stamp_in_usecs": 0,
```



```
"message": "string", "node_uuid": "string", "operation_type": "string", "originating_cluster_uuid": "string",
"possible_causes": [ { "actions": "string", "additional_links": "string", "alert_namespace": "string", "cause":
"string", "chart_queries": { "entities": [ { "actions": "string", "alerts": "string", "cadmus": "string", "entities":
"string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs":
"string", "operator": "string", "rhs": "string" } ], "instances": [ { "additional_fields": { "property1": "string",
"property2": "string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string",
"entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ] }, "title": "string" }, "perspectives": [ {
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"operator": "string", "rhs": "string" } ], "instances": [ { "additional_fields": { "property1": "string", "property2":
"string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string", "entity_id":
"string", "entity_name": "string", "entity_type": "PAGE" } ] }, "title": "string" }, "query": null, "result": null,
"type": "string" } ] } ], "error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": {
"count": 0, "end_index": 0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0,
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0 } }, "details": "string", "has_global_details": true, "id": "string", "num_resolved_count": 0, "parent_cause_id":
"string", "title": "string", "troubleshooting_steps": "string" } ], "resolved": true, "resolved_by_username": "string",
"resolved_time_stamp_in_usecs": 0, "service_vmid": "string", "severity": "string", "user_defined": true } ],
"error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index":
0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor":
"string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "property2":
{ "entities": [ { "acknowledged": true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0,
"affected_entities": [ { "entity_name": "string", "entity_type": "string", "entity_type_display_name": "string", "id":
"string", "uuid": "string" } ], "alert_details": { "metric_details": [ { "comparison_operator": "string",
"condition_type": "STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string", "entity_type": "string",
"metric_category": "string", "metric_display_name": "string", "metric_name": "string", "metric_value_details": [ {
"metric_threshold_value": "string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ], "unit":
"string" } ], "severity_trails": [ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] } ],
"alert_title": "string", "alert_type_uuid": "string", "auto_resolved": true, "categories": [ "string" ], "check_id":
"string", "classifications": [ "string" ], "cluster_uuid": "string", "context_types": [ "string" ], "context_values": [
"string" ], "created_time_stamp_in_usecs": 0, "detailed_message": "string", "entity_ids": [ "string" ], "entity_types":
[ "string" ], "entity_uuids": [ "string" ], "id": "string", "impact": "string", "impact_types": [ "string" ],
"last_occurrence_time_stamp_in_usecs": 0, "message": "string", "node_uuid": "string", "operation_type": "string",
"originating_cluster_uuid": "string", "possible_causes": [ { "actions": "string", "additional_links": "string",
"alert_namespace": "string", "cause": "string", "chart_queries": { "entities": [ { "actions": "string", "alerts":
"string", "cadmus": "string", "entities": "string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [
{ "display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ {
"additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field":
"string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ] },
"title": "string" }, "perspectives": [ { "format": "TABLE", "metadata": { "entity_type": "PAGE", "filters": [ {
"display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ {
"additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field":
"string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ] },
"title": "string" }, "query": null, "result": null, "type": "string" } ] } ], "error_info": { "count": 0,
"entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index": 0, "filter_criteria":
"string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor": "string", "search_string":
"string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "details": "string",
"has_global_details": true, "id": "string", "num_resolved_count": 0, "parent_cause_id": "string", "title": "string",
"troubleshooting_steps": "string" } ], "resolved": true, "resolved_by_username": "string",
"resolved_time_stamp_in_usecs": 0, "service_vmid": "string", "severity": "string", "user_defined": true } ],
"error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index":
0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor":
"string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } } }, "count": 0
}, "cluster_uuid": "string", "compression_delay_in_secs": 0, "compression_enabled": true, "container_uuid": "string",
"down_migrate_times_in_secs": { "property1": 0, "property2": 0 }, "enable_software_encryption": true, "encrypted":
true, "erasure_code": "string", "erasure_code_delay_secs": 0, "finger_print_on_write": "NONE", "health_summary": {
"entity_type_summaries": [ { "checks_in_error": { "property1": { "cluster_level": [ { "entity_name": "string",
"entity_uuid": "string", "message": "string" } ] }, "node_level": [ { "entity_name": "string", "entity_uuid": "string",
"message": "string" } ] } }, "property2": { "cluster_level": [ { "entity_name": "string", "entity_uuid": "string",
"message": "string" } ] }, "node_level": [ { "entity_name": "string", "entity_uuid": "string", "message": "string" } ] }
}, "detailed_check_summary": { "property1": {}, "property2": {} }, "entity_type": "PAGE", "filter_criteria": "string",
"health_summary": { "property1": 0, "property2": 0 } }, "health_check_summaries": { "property1": { "attribute_map": {
"property1": "string", "property2": "string" }, "executed_time_stamp_in_usecs": 0, "health_status": "Critical", "id":
"string", "score": 0 }, "property2": { "attribute_map": { "property1": "string", "property2": "string" },
"executed_time_stamp_in_usecs": 0, "health_status": "Critical", "id": "string", "score": 0 } }, "health_status":
"Critical" }, "id": "string", "ilm_policy": "string", "inline_ec_enabled": true, "is_nutanix_managed": true,
"mapped_remote_containers": { "property1": "string", "property2": "string" }, "marked_for_removal": true,
"max_capacity": 0, "max_ec_info_strip_size": 0, "name": "string", "nfs_whitelist": [ "string" ],
"nfs_whitelist_address": [ { "hostname": "string", "inet_address": { "empty": { "empty": "This API contains a circular
reference, Refer to the spec file that can be downloaded from the documentation for more information.", "value": null
```

```
{
  "value": {
    "$assertions_disabled": true,
    "address_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    "address_cache_init": true,
    "cache_lock": {},
    "cache_time": 0,
    "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    "canonical_host_name": "string",
    "fields_offset": 0,
    "holder": {
      "address": 0,
      "family": 0,
      "host_name": "string",
      "original_host_name": "string"
    },
    "impl": {},
    "ipv4": 0,
    "ipv6": 0,
    "lookup_table": {
      "property1": {},
      "property2": {}
    },
    "max_cache_time": 0,
    "name_services": [ {} ],
    "negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
    "prefer_ipv6_address": true,
    "serial_persistent_fields": [ {
      "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      "name": "string",
      "offset": 0,
      "signature": "string",
      "type": {
        "all_perm_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        "annotation": 0,
        "annotation_data": {
          "annotations": {
            "property1": {},
            "property2": {}
          },
          "declared_annotations": {
            "property1": {},
            "property2": {}
          },
          "redefined_count": 0
        },
        "annotation_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        "cached_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        "class_redefined_count": 0,
        "class_value_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        "enum": 0,
        "enum_constant_directory": {
          "property1": {},
          "property2": {}
        },
        "enum_constants": null,
        "generic_info": {
          "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          "super_interfaces": [ {} ],
          "superclass": {}
        },
        "initted": true,
        "name": "string",
        "new_instance_caller_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        "reflection_data": {
          "clock": 0,
          "timestamp": 0
        },
        "reflection_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
        "serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ],
        "synthetic": 0,
        "use_caches": true
      },
      "unshared": true
    } ],
    "unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information." ],
    "unsafe": {
      "address_size": 0,
      "array_boolean_base_offset": 0,
      "array_boolean_index_scale": 0,
      "array_byte_base_offset": 0,
      "array_byte_index_scale": 0,
      "array_char_base_offset": 0,
      "array_char_index_scale": 0,
      "array_double_base_offset": 0,
      "array_double_index_scale": 0,
      "array_float_base_offset": 0,
      "array_float_index_scale": 0,
      "array_int_base_offset": 0,
      "array_int_index_scale": 0,
      "array_long_base_offset": 0,
      "array_long_index_scale": 0,
      "array_object_base_offset": 0,
      "array_object_index_scale": 0,
      "array_short_base_offset": 0,
      "array_short_index_scale": 0,
      "invalid_field_offset": 0,
      "the_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."
    }
  },
  "ipv4": "string",
  "ipv6": "string",
  "log": {
    "root_logger_name": "string"
  },
  "port": 0,
  "raw_string": "string",
  "subnet": "string",
  "subnet_sep": "string"
},
{
  "nfs_whitelist_inherited": true,
  "on_disk_dedup": "NONE",
  "oplog_replication_factor": 0,
  "prefer_higher_ecfault_domain": true,
  "random_io_preference": [ "string" ],
  "replication_factor": 0,
  "seq_io_preference": [ "string" ],
  "software_inline_ec_type": "ContainerDTO.SoftwareInlineEcType(type same-vdisk-strips)",
  "stats": {
    "property1": "string",
    "property2": "string"
  },
  "storage_container_uuid": "string",
  "storage_pool_id": "string",
  "storage_pool_uuid": "string",
  "total_explicit_reserved_capacity": 0,
  "total_implicit_reserved_capacity": 0,
  "usage_stats": {
    "property1": "string",
    "property2": "string"
  },
  "vstore_name_list": [ "string" ]
}'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

## Add an NFS Datastore.

Add an NFS Datastore.

**Request Body schema: application/json required**

Add request

```
||| --- | --- || container_name | string || datastore_name | string || node_ids | Array of strings || node_uuids | Array of strings || read_only | boolean ||
storage_container_name | string || target_path | string |
```

## Responses

200

Successful operation

post/storage\_containers/datastores/add\_datastore

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers/datastores/add\_datastore

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers/datastores/add_datastore \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \ --data '{ "container_name": "string", "datastore_name":
"string", "node_ids": [ "string" ], "node_uuids": [ "string" ], "read_only": true, "storage_container_name": "string",
"target_path": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
• "node_specific_status": [
• {
• "capacity": 0,
• "free_space": 0,
• "message": "string",
• "node_id": "string",
• "node_ip_address": "string",
• "node_uuid": "string",
• "successful": true}]
}`
```

Delete a Storage Container.

Delete a Storage Container with the specified uuid from the cluster.

path Parameters

||| --- |--- || uuid required | string Uuid of the Storage Container |

query Parameters

||| --- |--- || ignore\_small\_files | boolean Ignore small file |

Responses

200

Successful operation

delete/storage\_containers/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers/{uuid} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

### Get a Storage Container.

Get a Storage Container with the specified uuid.

#### path Parameters

||| --- | --- || uuid required | string Uuid of the Storage Container |

#### query Parameters

||| --- | --- || projection | string Projections on the attributes |

### Responses

#### 200

Successful operation

get/storage\_containers/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers/{uuid} \ --header 'Accept: application/json' \ --header
'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "advertised_capacity": 0,
  "affinity_host_uuid": "string",
  "alert_summary": {
  "alert_summaries": {
    "property1": {
    "entities": [
      {
        "acknowledged": true,
        "acknowledged_by_username": "string",
        "acknowledged_time_stamp_in_usecs": 0,
        "affected_entities": [
          {
            "entity_name": "string",
            "entity_type": "string",
            "entity_type_display_name": "string",
            "id": "string",
            "uuid": "string"}],
        "alert_details": {
          "metric_details": [
            {
              "comparison_operator": "string",
              "condition_type": "STATIC_THRESHOLD",
              "data_type": "LONG",
              "entity_id": "string",
              "entity_type": "string",
              "metric_category": "string",
              "metric_display_name": "string",
              "metric_name": "string",
              "metric_value_details": [
                null],
              "unit": "string"}],
          "severity_trails": [
            {
              "severity": "string",
              "severity_change_timestamp_in_usecs": 0}}],
        "alert_title": "string",
        "alert_type_uuid": "string",
        "auto_resolved": true,
        "categories": [
          "string"],
        "check_id": "string",
        "classifications": [
          "string"],
        "cluster_uuid": "string",
        "context_types": [
          "string"],
        "context_values": [
          "string"],
```

- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
        - "details": "string",
        - "has\_global\_details": true,
        - "id": "string",
        - "num\_resolved\_count": 0,
        - "parent\_cause\_id": "string",
        - "title": "string",
        - "troubleshooting\_steps": "string"}},
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],

- "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}],
  - "alert\_details": {
    - "metric\_details": [
      - {
        - "comparison\_operator": "string",
        - "condition\_type": "STATIC\_THRESHOLD",
        - "data\_type": "LONG",
        - "entity\_id": "string",
        - "entity\_type": "string",
        - "metric\_category": "string",
        - "metric\_display\_name": "string",
        - "metric\_name": "string",
        - "metric\_value\_details": [
          - null],
        - "unit": "string"}],
      - "severity\_trails": [
        - {
          - "severity": "string",
          - "severity\_change\_timestamp\_in\_usecs": 0}}],
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
      - "string"],
    - "check\_id": "string",
    - "classifications": [
      - "string"],
    - "cluster\_uuid": "string",
    - "context\_types": [
      - "string"],
    - "context\_values": [
      - "string"],
    - "created\_time\_stamp\_in\_usecs": 0,
    - "detailed\_message": "string",

- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
        - "details": "string",
        - "has\_global\_details": true,
        - "id": "string",
        - "num\_resolved\_count": 0,
        - "parent\_cause\_id": "string",
        - "title": "string",
        - "troubleshooting\_steps": "string"}],
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {



- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}}},
- "count": 0},
- "cluster\_uuid": "string",
- "compression\_delay\_in\_secs": 0,
- "compression\_enabled": true,
- "container\_uuid": "string",
- "down\_migrate\_times\_in\_secs": {
- "property1": 0,
- "property2": 0},
- "enable\_software\_encryption": true,
- "encrypted": true,
- "erasure\_code": "string",
- "erasure\_code\_delay\_secs": 0,
- "finger\_print\_on\_write": "NONE",
- "health\_summary": {
- "entity\_type\_summaries": [
- {
- "checks\_in\_error": {
- "property1": {
- "cluster\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]},
- "node\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]}],
- "property2": {
- "cluster\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]},
- "node\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]}],
- "detailed\_check\_summary": {
- "property1": {
- "property1": 0,
- "property2": 0},
- "property2": {
- "property1": 0,
- "property2": 0},
- "entity\_type": "PAGE",
- "filter\_criteria": "string",

- "health\_summary": {
  - "property1": 0,
  - "property2": 0}},
- "health\_check\_summaries": {
  - "property1": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0},
  - "property2": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0}},
- "health\_status": "Critical",
- "id": "string",
- "ilm\_policy": "string",
- "inline\_ec\_enabled": true,
- "is\_nutanix\_managed": true,
- "mapped\_remote\_containers": {
  - "property1": "string",
  - "property2": "string"},
- "marked\_for\_removal": true,
- "max\_capacity": 0,
- "max\_ec\_info\_strip\_size": 0,
- "name": "string",
- "nfs\_whitelist": [
  - "string"],
- "nfs\_whitelist\_address": [
  - {
    - "hostname": "string",
    - "inet\_address": {
    - "empty": {
      - "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "value": null},
    - "value": {
      - "\$assertions\_disabled": true,
      - "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "address\_cache\_init": true,
      - "cache\_lock": { },
      - "cache\_time": 0,
      - "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
      - "canonical\_host\_name": "string",
      - "fields\_offset": 0,
      - "holder": {
      - "address": 0,
      - "family": 0,
      - "host\_name": "string",
      - "original\_host\_name": "string"},
      - "impl": { },
      - "ipv4": 0,
      - "ipv6": 0,

- "lookup\_table": {
- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
- {
- "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "name": "string",
- "offset": 0,
- "signature": "string",
- "type": {
- "all\_perm\_domain": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "annotation": 0,
- "annotation\_data": {
- "annotations": {
- "property1": null,
- "property2": null},
- "declared\_annotations": {
- "property1": null,
- "property2": null},
- "redefined\_count": 0},
- "annotation\_type": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "cached\_constructor": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "class\_redefined\_count": 0,
- "class\_value\_map": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "enum": 0,
- "enum\_constant\_directory": {
- "property1": null,
- "property2": null},
- "enum\_constants": null,
- "generic\_info": {
- "none": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "super\_interfaces": [
- null],
- "superclass": { }},
- "initted": true,
- "name": "string",
- "new\_instance\_caller\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "reflection\_data": {
- "clock": 0,
- "timestamp": 0},
- "reflection\_factory": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "serial\_persistent\_fields": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "synthetic": 0,
- "use\_caches": true},
- "unshared": true}],
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {

- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string"},
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}],
- "nfs\_whitelist\_inherited": true,
- "on\_disk\_dedup": "NONE",
- "oplog\_replication\_factor": 0,
- "prefer\_higher\_ecfault\_domain": true,
- "random\_io\_preference": [
- "string"],
- "replication\_factor": 0,
- "seq\_io\_preference": [
- "string"],
- "software\_inline\_ec\_type": "ContainerDTO.SoftwareInlineEcType(type same-vdisk-strips)",
- "stats": {
- "property1": "string",
- "property2": "string"},
- "storage\_container\_uuid": "string",
- "storage\_pool\_id": "string",
- "storage\_pool\_uuid": "string",
- "total\_explicit\_reserved\_capacity": 0,
- "total\_implicit\_reserved\_capacity": 0,
- "usage\_stats": {
- "property1": "string",
- "property2": "string"},
- "vstore\_name\_list": [
- "string"]

```
}`
```

**Get the list of alerts generated on a specified Storage Container.**

#### path Parameters

||| |--- |--- || uuid required | string Uuid of a Storage Container |

query Parameters

||| | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of alerts | | resolved | boolean Alerts which have been resolved | | acknowledged | boolean Alerts which have been acknowledged | | severity | string Alert severities | | alert\_type\_uuid | string Alert type ids | | page | integer Page number |

Responses

200

Successful operation

get/storage\_containers/{uuid}/alerts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers/{uuid}/alerts

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers/{uuid}/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "acknowledged": true,
      "acknowledged_by_username": "string",
      "acknowledged_time_stamp_in_usecs": 0,
      "affected_entities": [
        {
          "entity_name": "string",
          "entity_type": "string",
          "entity_type_display_name": "string",
          "id": "string",
          "uuid": "string"}],
      "alert_details": {
      "metric_details": [
        {
          "comparison_operator": "string",
          "condition_type": "STATIC_THRESHOLD",
          "data_type": "LONG",
          "entity_id": "string",
          "entity_type": "string",
          "metric_category": "string",
```

- "metric\_display\_name": "string",
- "metric\_name": "string",
- "metric\_value\_details": [
  - {
    - "metric\_threshold\_value": "string",
    - "metric\_value": "string",
    - "state\_change\_time\_stamp\_in\_usecs": 0}},
- "unit": "string"]],
- "severity\_trails": [
  - {
    - "severity": "string",
    - "severity\_change\_timestamp\_in\_usecs": 0}}],
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
  - "check\_id": "string",
  - "classifications": [
    - "string"],
  - "cluster\_uuid": "string",
  - "context\_types": [
    - "string"],
  - "context\_values": [
    - "string"],
  - "created\_time\_stamp\_in\_usecs": 0,
  - "detailed\_message": "string",
  - "entity\_ids": [
    - "string"],
  - "entity\_types": [
    - "string"],
  - "entity\_uuids": [
    - "string"],
  - "id": "string",
  - "impact": "string",
  - "impact\_types": [
    - "string"],
  - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
  - "message": "string",
  - "node\_uuid": "string",
  - "operation\_type": "string",
  - "originating\_cluster\_uuid": "string",
  - "possible\_causes": [
    - {
      - "actions": "string",
      - "additional\_links": "string",
      - "alert\_namespace": "string",
      - "cause": "string",
      - "chart\_queries": {
      - "entities": [
        - {
          - "actions": "string",
          - "alerts": "string",
          - "cadmus": "string",
          - "entities": "string",
          - "help": "string",
          - "metadata": {
            - "entity\_type": "PAGE",
            - "filters": [

- null],
- "instances": [
- null],
- "title": "string"),
- "perspectives": [
  - {
  - "format": null,
  - "metadata": null,
  - "query": null,
  - "result": null,
  - "type": null}}}],
  - "error\_info": {
    - "count": 0,
    - "entity\_list": [
    - "string"],
    - "message": "string"),
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string")},
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},
    - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
    - "message": "string"),
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,
      - "next\_cursor": "string",
      - "page": 0,
      - "previous\_cursor": "string",
      - "search\_string": "string",
      - "sort\_criteria": "string",
      - "start\_index": 0,
      - "total\_entities": 0}

}

Get the list of alerts generated on any Storage Container.

query Parameters

||| | --- | --- || start\_time\_in\_usecs | integer Start time in microseconds || end\_time\_in\_usecs | integer End time in microseconds || count | integer Maximum number of alerts || resolved | boolean Alerts which have been resolved || acknowledged | boolean Alerts which have been acknowledged || severity | string Alert severities || alert\_type\_uuid | string Alert type ids || page | integer Page number |

Responses

200

Successful operation

get/storage\_containers/alerts

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers/alerts

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
"" curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers/alerts \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
""
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "acknowledged": true,
      "acknowledged_by_username": "string",
      "acknowledged_time_stamp_in_usecs": 0,
      "affected_entities": [
        {
          "entity_name": "string",
          "entity_type": "string",
          "entity_type_display_name": "string",
          "id": "string",
          "uuid": "string"}],
      "alert_details": {
        "metric_details": [
          {
            "comparison_operator": "string",
            "condition_type": "STATIC_THRESHOLD",
```



- "data\_type": "LONG",
- "entity\_id": "string",
- "entity\_type": "string",
- "metric\_category": "string",
- "metric\_display\_name": "string",
- "metric\_name": "string",
- "metric\_value\_details": [
  - {
    - "metric\_threshold\_value": "string",
    - "metric\_value": "string",
    - "state\_change\_time\_stamp\_in\_usecs": 0}},
- "unit": "string"}],
- "severity\_trails": [
  - {
    - "severity": "string",
    - "severity\_change\_timestamp\_in\_usecs": 0}}},
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
    - "check\_id": "string",
    - "classifications": [
      - "string"],
      - "cluster\_uuid": "string",
      - "context\_types": [
        - "string"],
        - "context\_values": [
          - "string"],
        - "created\_time\_stamp\_in\_usecs": 0,
        - "detailed\_message": "string",
        - "entity\_ids": [
          - "string"],
          - "entity\_types": [
            - "string"],
            - "entity\_uuids": [
              - "string"],
            - "id": "string",
            - "impact": "string",
            - "impact\_types": [
              - "string"],
            - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
            - "message": "string",
            - "node\_uuid": "string",
            - "operation\_type": "string",
            - "originating\_cluster\_uuid": "string",
            - "possible\_causes": [
              - {
                - "actions": "string",
                - "additional\_links": "string",
                - "alert\_namespace": "string",
                - "cause": "string",
                - "chart\_queries": {
                - "entities": [
                  - {
                    - "actions": "string",
                    - "alerts": "string",
                    - "cadmus": "string",
                    - "entities": "string",

- "help": "string",
- "metadata": {
  - "entity\_type": "PAGE",
  - "filters": [
    - null],
  - "instances": [
    - null],
  - "title": "string"},
- "perspectives": [
  - {
    - "format": null,
    - "metadata": null,
    - "query": null,
    - "result": null,
    - "type": null}}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
  - "details": "string",
  - "has\_global\_details": true,
  - "id": "string",
  - "num\_resolved\_count": 0,
  - "parent\_cause\_id": "string",
  - "title": "string",
  - "troubleshooting\_steps": "string"}},
  - "resolved": true,
  - "resolved\_by\_username": "string",
  - "resolved\_time\_stamp\_in\_usecs": 0,
  - "service\_vmid": "string",
  - "severity": "string",
  - "user\_defined": true}},
  - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
    - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,
      - "next\_cursor": "string",
      - "page": 0,
      - "previous\_cursor": "string",
      - "search\_string": "string",

- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

```
}`
```

## Get the list of events generated on a specified Container.

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of a Storage Container |

### query Parameters

| | | | --- | --- | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | count | integer Maximum number of events | | acknowledged | boolean Events which have been acknowledged | | page | integer Page number |

### Responses

#### 200

Successful operation

get/storage\_containers/{uuid}/events

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers/{uuid}/events

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers/{uuid}/events \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
- {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
  - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"]],

- "alert\_details": {
- "metric\_details": [
  - {
  - "comparison\_operator": "string",
  - "condition\_type": "STATIC\_THRESHOLD",
  - "data\_type": "LONG",
  - "entity\_id": "string",
  - "entity\_type": "string",
  - "metric\_category": "string",
  - "metric\_display\_name": "string",
  - "metric\_name": "string",
  - "metric\_value\_details": [
    - {
    - "metric\_threshold\_value": "string",
    - "metric\_value": "string",
    - "state\_change\_time\_stamp\_in\_usecs": 0}},
    - "unit": "string"]},
  - "severity\_trails": [
    - {
    - "severity": "string",
    - "severity\_change\_timestamp\_in\_usecs": 0}}},
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
  - "check\_id": "string",
  - "classifications": [
    - "string"],
  - "cluster\_uuid": "string",
  - "context\_types": [
    - "string"],
  - "context\_values": [
    - "string"],
  - "created\_time\_stamp\_in\_usecs": 0,
  - "detailed\_message": "string",
  - "entity\_ids": [
    - "string"],
  - "entity\_types": [
    - "string"],
  - "entity\_uuids": [
    - "string"],
  - "id": "string",
  - "impact": "string",
  - "impact\_types": [
    - "string"],
  - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
  - "message": "string",
  - "node\_uuid": "string",
  - "operation\_type": "string",
  - "originating\_cluster\_uuid": "string",
  - "possible\_causes": [
    - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
    - "entities": [

- {
- "actions": "string",
- "alerts": "string",
- "cadmus": "string",
- "entities": "string",
- "help": "string",
- "metadata": {
  - "entity\_type": "PAGE",
  - "filters": [
    - null],
    - "instances": [
      - null],
      - "title": "string"},
  - "perspectives": [
    - {
      - "format": null,
      - "metadata": null,
      - "query": null,
      - "result": null,
      - "type": null}}}],
  - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
    - "message": "string"},
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,
    - "previous\_cursor": "string",
    - "search\_string": "string",
    - "sort\_criteria": "string",
    - "start\_index": 0,
    - "total\_entities": 0}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"}},
    - "resolved": true,
    - "resolved\_by\_username": "string",
    - "resolved\_time\_stamp\_in\_usecs": 0,
    - "service\_vmid": "string",
    - "severity": "string",
    - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
      - "metadata": {
        - "count": 0,
        - "end\_index": 0,
        - "filter\_criteria": "string",

- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

}`

## Get the list of events generated on any Storage Container.

### query Parameters

||| | --- | --- || start\_time\_in\_usecs | integer Start time in microseconds || end\_time\_in\_usecs | integer End time in microseconds || count | integer Maximum number of events || acknowledged | boolean Events which have been acknowledged || page | integer Page number |

### Responses

#### 200

Successful operation

get/storage\_containers/events

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers/events

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers/events \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "entities": [
- {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
  - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",

- "id": "string",
- "uuid": "string"]],
- "alert\_details": {
- "metric\_details": [
  - {
  - "comparison\_operator": "string",
  - "condition\_type": "STATIC\_THRESHOLD",
  - "data\_type": "LONG",
  - "entity\_id": "string",
  - "entity\_type": "string",
  - "metric\_category": "string",
  - "metric\_display\_name": "string",
  - "metric\_name": "string",
  - "metric\_value\_details": [
    - {
    - "metric\_threshold\_value": "string",
    - "metric\_value": "string",
    - "state\_change\_time\_stamp\_in\_usecs": 0}],
  - "unit": "string"]],
- "severity\_trails": [
  - {
  - "severity": "string",
  - "severity\_change\_timestamp\_in\_usecs": 0}],
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
  - "actions": "string",
  - "additional\_links": "string",
  - "alert\_namespace": "string",
  - "cause": "string",

- "chart\_queries": {
- "entities": [
  - {
  - "actions": "string",
  - "alerts": "string",
  - "cadmus": "string",
  - "entities": "string",
  - "help": "string",
  - "metadata": {
    - "entity\_type": "PAGE",
    - "filters": [
      - null],
      - "instances": [
        - null],
        - "title": "string"},
    - "perspectives": [
      - {
        - "format": null,
        - "metadata": null,
        - "query": null,
        - "result": null,
        - "type": null}}],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "details": "string",
- "has\_global\_details": true,
- "id": "string",
- "num\_resolved\_count": 0,
- "parent\_cause\_id": "string",
- "title": "string",
- "troubleshooting\_steps": "string"}],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
  - "metadata": {
    - "count": 0,



- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

}`

## Get the list of NFS Datastores.

Get the list of NFS Datastores mounted using Storage Containers in the cluster.

### Responses

#### 200

Successful operation

get/storage\_containers/datastores

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers/datastores

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers/datastores \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`[

- {
- "capacity": 0,
- "container\_id": "string",
- "container\_name": "string",
- "container\_uuid": "string",
- "datastore\_name": "string",
- "free\_space": 0,
- "host\_id": "string",
- "host\_ip\_address": "string",
- "host\_uuid": "string",

- "storage\_container\_id": "string",
- "storage\_container\_name": "string",
- "storage\_container\_uuid": "string",
- "vm\_names": [
  - "string"]}

]

## Get the list of Storage Containers.

Get the list of Storage Containers configured in the cluster.

### query Parameters

||| |---| --- || count | integer Number of Storage Containers to retrieve || filter\_criteria | string Filter criteria || sort\_criteria | string Sort criteria || search\_string | string Search string || search\_attribute\_list | Array of strings Search attribute list || page | integer Page number || projection | string Projections on the attributes |

### Responses

200

Successful operation

get/storage\_containers

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
- {
  - "advertised\_capacity": 0,
  - "affinity\_host\_uuid": "string",
  - "alert\_summary": {
  - "alert\_summaries": {
    - "property1": {
    - "entities": [
      - {
      - "acknowledged": true,
      - "acknowledged\_by\_username": "string",

- "acknowledged\_time\_stamp\_in\_usecs": 0,
- "affected\_entities": [
  - {
    - "entity\_name": null,
    - "entity\_type": null,
    - "entity\_type\_display\_name": null,
    - "id": null,
    - "uuid": null}},
- "alert\_details": {
  - "metric\_details": [
    - null],
  - "severity\_trails": [
    - null]],
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": null,
    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,
    - "details": null,
    - "has\_global\_details": null,
    - "id": null,
    - "num\_resolved\_count": null,
    - "parent\_cause\_id": null,
    - "title": null,
    - "troubleshooting\_steps": null]],
- "resolved": true,
- "resolved\_by\_username": "string",

- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
        - "entity\_name": null,
        - "entity\_type": null,
        - "entity\_type\_display\_name": null,
        - "id": null,
        - "uuid": null}},
  - "alert\_details": {
    - "metric\_details": [
      - null],
    - "severity\_trails": [
      - null]],
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
  - "check\_id": "string",
  - "classifications": [
    - "string"],
  - "cluster\_uuid": "string",
  - "context\_types": [
    - "string"],
  - "context\_values": [
    - "string"],
  - "created\_time\_stamp\_in\_usecs": 0,
  - "detailed\_message": "string",
  - "entity\_ids": [
    - "string"],
  - "entity\_types": [
    - "string"],
  - "entity\_uuids": [

- "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": null,
    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,
    - "details": null,
    - "has\_global\_details": null,
    - "id": null,
    - "num\_resolved\_count": null,
    - "parent\_cause\_id": null,
    - "title": null,
    - "troubleshooting\_steps": null}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
  - "count": 0},
  - "cluster\_uuid": "string",
  - "compression\_delay\_in\_secs": 0,
  - "compression\_enabled": true,
  - "container\_uuid": "string",
  - "down\_migrate\_times\_in\_secs": {
    - "property1": 0,
    - "property2": 0},
  - "enable\_software\_encryption": true,
  - "encrypted": true,
  - "erasure\_code": "string",
  - "erasure\_code\_delay\_secs": 0,

- "finger\_print\_on\_write": "NONE",
- "health\_summary": {
- "entity\_type\_summaries": [
  - {
  - "checks\_in\_error": {
    - "property1": {
    - "cluster\_level": [
      - {
      - "entity\_name": null,
      - "entity\_uuid": null,
      - "message": null}},
    - "node\_level": [
      - {
      - "entity\_name": null,
      - "entity\_uuid": null,
      - "message": null}}},
    - "property2": {
    - "cluster\_level": [
      - {
      - "entity\_name": null,
      - "entity\_uuid": null,
      - "message": null}},
    - "node\_level": [
      - {
      - "entity\_name": null,
      - "entity\_uuid": null,
      - "message": null}}}},
    - "detailed\_check\_summary": {
      - "property1": {
      - "property1": 0,
      - "property2": 0},
      - "property2": {
      - "property1": 0,
      - "property2": 0}},
    - "entity\_type": "PAGE",
    - "filter\_criteria": "string",
    - "health\_summary": {
      - "property1": 0,
      - "property2": 0}},
  - "health\_check\_summaries": {
    - "property1": {
    - "attribute\_map": {
      - "property1": "string",
      - "property2": "string"},
    - "executed\_time\_stamp\_in\_usecs": 0,
    - "health\_status": "Critical",
    - "id": "string",
    - "score": 0},
    - "property2": {
    - "attribute\_map": {
      - "property1": "string",
      - "property2": "string"},
    - "executed\_time\_stamp\_in\_usecs": 0,
    - "health\_status": "Critical",
    - "id": "string",
    - "score": 0}},
  - "health\_status": "Critical",
  - "id": "string",
  - "ilm\_policy": "string",

- "inline\_ec\_enabled": true,
- "is\_nutanix\_managed": true,
- "mapped\_remote\_containers": {
- "property1": "string",
- "property2": "string"},
- "marked\_for\_removal": true,
- "max\_capacity": 0,
- "max\_ec\_info\_strip\_size": 0,
- "name": "string",
- "nfs\_whitelist": [
- "string"],
- "nfs\_whitelist\_address": [
- {
- "hostname": "string",
- "inet\_address": {
- "empty": {
- "empty": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "value": null},
- "value": {
- "\$assertions\_disabled": true,
- "address\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "address\_cache\_init": true,
- "cache\_lock": { },
- "cache\_time": 0,
- "cached\_local\_host": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "canonical\_host\_name": "string",
- "fields\_offset": 0,
- "holder": {
- "address": 0,
- "family": 0,
- "host\_name": "string",
- "original\_host\_name": "string"},
- "impl": { },
- "ipv4": 0,
- "ipv6": 0,
- "lookup\_table": {
- "property1": null,
- "property2": null},
- "max\_cache\_time": 0,
- "name\_services": [
- { }],
- "negative\_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "prefer\_ipv6\_address": true,
- "serial\_persistent\_fields": [
- {
- "field": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
- "name": "string",
- "offset": 0,
- "signature": "string",
- "type": {
- "all\_perm\_domain": null,
- "annotation": null,
- "annotation\_data": null,
- "annotation\_type": null,
- "cached\_constructor": null,
- "class\_redefined\_count": null,

- "class\_value\_map": null,
- "enum": null,
- "enum\_constant\_directory": { },
- "enum\_constants": null,
- "generic\_info": null,
- "initted": null,
- "name": null,
- "new\_instance\_caller\_cache": null,
- "reflection\_data": null,
- "reflection\_factory": null,
- "serial\_persistent\_fields": [ ],
- "synthetic": null,
- "use\_caches": null},
- "unshared": true}},
- "unknown\_array": [
- "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
- "unsafe": {
- "address\_size": 0,
- "array\_boolean\_base\_offset": 0,
- "array\_boolean\_index\_scale": 0,
- "array\_byte\_base\_offset": 0,
- "array\_byte\_index\_scale": 0,
- "array\_char\_base\_offset": 0,
- "array\_char\_index\_scale": 0,
- "array\_double\_base\_offset": 0,
- "array\_double\_index\_scale": 0,
- "array\_float\_base\_offset": 0,
- "array\_float\_index\_scale": 0,
- "array\_int\_base\_offset": 0,
- "array\_int\_index\_scale": 0,
- "array\_long\_base\_offset": 0,
- "array\_long\_index\_scale": 0,
- "array\_object\_base\_offset": 0,
- "array\_object\_index\_scale": 0,
- "array\_short\_base\_offset": 0,
- "array\_short\_index\_scale": 0,
- "invalid\_field\_offset": 0,
- "the\_unsafe": "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."}}},
- "ipv4": "string",
- "ipv6": "string",
- "log": {
- "root\_logger\_name": "string",
- "port": 0,
- "raw\_string": "string",
- "subnet": "string",
- "subnet\_sep": "string"}},
- "nfs\_whitelist\_inherited": true,
- "on\_disk\_dedup": "NONE",
- "oplog\_replication\_factor": 0,
- "prefer\_higher\_ecfault\_domain": true,
- "random\_io\_preference": [
- "string"],
- "replication\_factor": 0,
- "seq\_io\_preference": [
- "string"],
- "software\_inline\_ec\_type": "ContainerDTO.SoftwareInlineEcType(type same-vdisk-strips)",
- "stats": {
- "property1": "string",



```

    • "property2": "string"},
    • "storage_container_uuid": "string",
    • "storage_pool_id": "string",
    • "storage_pool_uuid": "string",
    • "total_explicit_reserved_capacity": 0,
    • "total_implicit_reserved_capacity": 0,
    • "usage_stats": {
    • "property1": "string",
    • "property2": "string"},
    • "vstore_name_list": [
    • "string"]}],
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}
`

```

## Get the list of VDisks.

Get the list of VDisks of the specified Container.

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of a Storage Container |

### Responses

#### 200

Successful operation

get/storage\_containers/{uuid}/vdisks

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers/{uuid}/vdisks

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers/{uuid}/vdisks \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```

```

## Response samples

- 200

Content type

```
application/json
```

Copy

Expand all Collapse all

{

- ```

"entities": [
  {
    "alert_summary": {
      "alert_summaries": {
        "property1": {
          "entities": [
            {
              "acknowledged": true,
              "acknowledged_by_username": "string",
              "acknowledged_time_stamp_in_usecs": 0,
              "affected_entities": [
                {
                  "entity_name": null,
                  "entity_type": null,
                  "entity_type_display_name": null,
                  "id": null,
                  "uuid": null}],
              "alert_details": {
                "metric_details": [
                  null],
                "severity_trails": [
                  null]},
              "alert_title": "string",
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- "previous\_cursor": "string",
- "search\_string": "string",

- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

}`

**Get the stats for a specified Storage Container.**

If start time and end time are included in the query string, then historical stats are retrieved. Otherwise, the latest stats are retrieved.

**path Parameters**

||| | --- | --- || uuid required | string Uuid of a Storage Container |

**query Parameters**

||| | --- | --- || metrics required | Array of strings List of metrics || start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds || interval\_in\_secs | integer Sampling interval of stats |

**Responses**

**200**

Successful operation

get/storage\_containers/{uuid}/stats

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers/{uuid}/stats

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers/{uuid}/stats \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "stats_specific_responses": [
    {
      "interval_in_secs": 0,
      "message": "string",
      "metric": "string",
      "start_time_in_usecs": 0,
      "successful": true,
      "values": [
        0]]
  }
```

```
}
```

## Modify a Storage Container.

Modify the specified Storage Container.

**Request Body schema: application/json required**

A Storage Container instance

||| |--- |--- || cluster\_uuid | string || generic\_dto | object (patch.dto.appliance.configuration.ContainerDTO) || operation | string |

## Responses

200

Successful operation

patch/storage\_containers

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PATCH \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid": "string",
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```



```
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```

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Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

Remove an NFS Datastore.

Remove an NFS Datastore.

Request Body schema: application/json required

Remove request

||| --- | --- || datastore\_name | string || node\_ids | Array of strings || node\_uuids | Array of strings |

Responses

- 200

Successful operation

post/storage\_containers/datastores/remove\_datastore

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers/datastores/remove\_datastore

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers/datastores/remove_datastore \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "datastore_name": "string",
```

```
"node_ids": [ "string" ], "node_uuids": [ "string" ] }'
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "node_specific_status": [
    {
      "message": "string",
      "node_id": "string",
      "node_uuid": "string",
      "successful": true
    }
  ]
}
```

## Update a Storage Container.

Update the specified Storage Container.

### Request Body schema: application/json required

A Storage Container instance

```
||| --- | --- || advertised_capacity | integer || affinity_host_uuid | string || alert_summary | object (update.dto.alerts.AlertSummaryDTO) || cluster_uuid | string ||
compression_delay_in_secs | integer || compression_enabled | boolean || container_uuid | string || down_migrate_times_in_secs | object ||
enable_software_encryption | boolean || encrypted | boolean || erasure_code | string || erasure_code_delay_secs | integer || finger_print_on_write | string
Enum: "NONE" "OFF" "ON" || health_summary | object (update.dto.health.check.HealthSummaryDTO) || id | string || ilm_policy | string || inline_ec_enabled |
boolean || is_nutanix_managed | boolean || mapped_remote_containers | object || marked_for_removal | boolean || max_capacity | integer ||
max_ec_info_strip_size | integer || name | string || nfs_whitelist | Array of strings || nfs_whitelist_address | Array of objects (update.common.Address) ||
nfs_whitelist_inherited | boolean || on_disk_dedup | string Enum: "NONE" "OFF" "POST_PROCESS" || oplog_replication_factor | integer ||
prefer_higher_ecfault_domain | boolean || random_io_preference | Array of strings || replication_factor | integer || seq_io_preference | Array of strings ||
software_inline_ec_type | string Enum: "ContainerDTO.SoftwareInlineEcType(type same-vdisk-strips)" "ContainerDTO.SoftwareInlineEcType(type
cross-vdisk-strips)" || stats | object || storage_container_uuid | string || storage_pool_id | string || storage_pool_uuid | string || total_explicit_reserved_capacity |
integer || total_implicit_reserved_capacity | integer || usage_stats | object || vstore_name_list | Array of strings |
```

## Responses

200

Successful operation

put/storage\_containers

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/storage\_containers

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/storage_containers \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "advertised_capacity": 0,
"affinity_host_uuid": "string", "alert_summary": { "alert_summaries": { "property1": { "entities": [ { "acknowledged":
true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0, "affected_entities": [ {
```

```
"entity_name": "string", "entity_type": "string", "entity_type_display_name": "string", "id": "string", "uuid":
"string" } ], "alert_details": { "metric_details": [ { "comparison_operator": "string", "condition_type":
"STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string", "entity_type": "string", "metric_category": "string",
"metric_display_name": "string", "metric_name": "string", "metric_value_details": [ { "metric_threshold_value":
"string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ], "unit": "string" } ], "severity_trails":
[ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] }, "alert_title": "string", "alert_type_uuid":
"string", "auto_resolved": true, "categories": [ "string" ], "check_id": "string", "classifications": [ "string" ],
"cluster_uuid": "string", "context_types": [ "string" ], "context_values": [ "string" ], "created_time_stamp_in_usecs":
0, "detailed_message": "string", "entity_ids": [ "string" ], "entity_types": [ "string" ], "entity_uuids": [ "string"
], "id": "string", "impact": "string", "impact_types": [ "string" ], "last_occurrence_time_stamp_in_usecs": 0,
"message": "string", "node_uuid": "string", "operation_type": "string", "originating_cluster_uuid": "string",
"possible_causes": [ { "actions": "string", "additional_links": "string", "alert_namespace": "string", "cause":
"string", "chart_queries": { "entities": [ { "actions": "string", "alerts": "string", "cadmus": "string", "entities":
"string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs":
"string", "operator": "string", "rhs": "string" } ], "instances": [ { "additional_fields": { "property1": "string",
"property2": "string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string",
"entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ], "title": "string" }, "perspectives": [ {
"format": "TABLE", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs": "string",
"operator": "string", "rhs": "string" } ], "instances": [ { "additional_fields": { "property1": "string", "property2":
"string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string", "entity_id":
"string", "entity_name": "string", "entity_type": "PAGE" } ], "title": "string" }, "query": null, "result": null,
"type": "string" } ] } ], "error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": {
"count": 0, "end_index": 0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0,
"previous_cursor": "string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities":
0 } }, "details": "string", "has_global_details": true, "id": "string", "num_resolved_count": 0, "parent_cause_id":
"string", "title": "string", "troubleshooting_steps": "string" } ], "resolved": true, "resolved_by_username": "string",
"resolved_time_stamp_in_usecs": 0, "service_vmid": "string", "severity": "string", "user_defined": true } ],
"error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index":
0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor":
"string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "property2":
{ "entities": [ { "acknowledged": true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0,
"affected_entities": [ { "entity_name": "string", "entity_type": "string", "entity_type_display_name": "string", "id":
"string", "uuid": "string" } ], "alert_details": { "metric_details": [ { "comparison_operator": "string",
"condition_type": "STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string", "entity_type": "string",
"metric_category": "string", "metric_display_name": "string", "metric_name": "string", "metric_value_details": [ {
"metric_threshold_value": "string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ], "unit":
"string" } ], "severity_trails": [ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] },
"alert_title": "string", "alert_type_uuid": "string", "auto_resolved": true, "categories": [ "string" ], "check_id":
"string", "classifications": [ "string" ], "cluster_uuid": "string", "context_types": [ "string" ], "context_values": [
"string" ], "created_time_stamp_in_usecs": 0, "detailed_message": "string", "entity_ids": [ "string" ], "entity_types":
[ "string" ], "entity_uuids": [ "string" ], "id": "string", "impact": "string", "impact_types": [ "string" ],
"last_occurrence_time_stamp_in_usecs": 0, "message": "string", "node_uuid": "string", "operation_type": "string",
"originating_cluster_uuid": "string", "possible_causes": [ { "actions": "string", "additional_links": "string",
"alert_namespace": "string", "cause": "string", "chart_queries": { "entities": [ { "actions": "string", "alerts":
"string", "cadmus": "string", "entities": "string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [
{ "display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ {
"additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field":
"string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ],
"title": "string" }, "perspectives": [ { "format": "TABLE", "metadata": { "entity_type": "PAGE", "filters": [ {
"display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ {
"additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field":
"string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ],
"title": "string" }, "query": null, "result": null, "type": "string" } ] } ], "error_info": { "count": 0,
"entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index": 0, "filter_criteria":
"string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor": "string", "search_string":
"string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "details": "string",
"has_global_details": true, "id": "string", "num_resolved_count": 0, "parent_cause_id": "string", "title": "string",
"troubleshooting_steps": "string" } ], "resolved": true, "resolved_by_username": "string",
"resolved_time_stamp_in_usecs": 0, "service_vmid": "string", "severity": "string", "user_defined": true } ],
"error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index":
0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor":
"string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "count": 0
}, "cluster_uuid": "string", "compression_delay_in_secs": 0, "compression_enabled": true, "container_uuid": "string",
"down_migrate_times_in_secs": { "property1": 0, "property2": 0 }, "enable_software_encryption": true, "encrypted":
true, "erasure_code": "string", "erasure_code_delay_secs": 0, "finger_print_on_write": "NONE", "health_summary": {
"entity_type_summaries": [ { "checks_in_error": { "property1": { "cluster_level": [ { "entity_name": "string",
"entity_uuid": "string", "message": "string" } ], "node_level": [ { "entity_name": "string", "entity_uuid": "string",
"message": "string" } ] } }, "property2": { "cluster_level": [ { "entity_name": "string", "entity_uuid": "string",
"message": "string" } ] }, "node_level": [ { "entity_name": "string", "entity_uuid": "string", "message": "string" } ] }
```

```
{
  "detailed_check_summary": { "property1": {}, "property2": {} }, "entity_type": "PAGE", "filter_criteria": "string",
  "health_summary": { "property1": 0, "property2": 0 } }, "health_check_summaries": { "property1": { "attribute_map": {
    "property1": "string", "property2": "string" }, "executed_time_stamp_in_usecs": 0, "health_status": "Critical", "id":
    "string", "score": 0 }, "property2": { "attribute_map": { "property1": "string", "property2": "string" },
    "executed_time_stamp_in_usecs": 0, "health_status": "Critical", "id": "string", "score": 0 } }, "health_status":
    "Critical" }, "id": "string", "ilm_policy": "string", "inline_ec_enabled": true, "is_nutanix_managed": true,
    "mapped_remote_containers": { "property1": "string", "property2": "string" }, "marked_for_removal": true,
    "max_capacity": 0, "max_ec_info_strip_size": 0, "name": "string", "nfs_whitelist": [ "string" ],
    "nfs_whitelist_address": [ { "hostname": "string", "inet_address": { "empty": { "empty": "This API contains a circular
      reference, Refer to the spec file that can be downloaded from the documentation for more information.", "value": null
    }, "value": { "$assertions_disabled": true, "address_cache": "This API contains a circular reference, Refer to the spec
      file that can be downloaded from the documentation for more information.", "address_cache_init": true, "cache_lock":
      {}, "cache_time": 0, "cached_local_host": "This API contains a circular reference, Refer to the spec file that can be
      downloaded from the documentation for more information.", "canonical_host_name": "string", "fields_offset": 0,
      "holder": { "address": 0, "family": 0, "host_name": "string", "original_host_name": "string" }, "impl": {}, "ipv4": 0,
      "ipv6": 0, "lookup_table": { "property1": {}, "property2": {} }, "max_cache_time": 0, "name_services": [ {} ] },
      "negative_cache": "This API contains a circular reference, Refer to the spec file that can be downloaded from the
      documentation for more information.", "prefer_ipv6_address": true, "serial_persistent_fields": [ { "field": "This API
        contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
        information.", "name": "string", "offset": 0, "signature": "string", "type": { "all_perm_domain": "This API contains a
          circular reference, Refer to the spec file that can be downloaded from the documentation for more information.",
          "annotation": 0, "annotation_data": { "annotations": { "property1": {}, "property2": {} }, "declared_annotations": {
            "property1": {}, "property2": {} }, "redefined_count": 0 }, "annotation_type": "This API contains a circular reference,
            Refer to the spec file that can be downloaded from the documentation for more information.", "cached_constructor":
            "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
            information.", "class_redefined_count": 0, "class_value_map": "This API contains a circular reference, Refer to the
            spec file that can be downloaded from the documentation for more information.", "enum": 0, "enum_constant_directory": {
              "property1": {}, "property2": {} }, "enum_constants": null, "generic_info": { "none": "This API contains a circular
              reference, Refer to the spec file that can be downloaded from the documentation for more information.",
              "super_interfaces": [ {} ], "superclass": {} }, "initted": true, "name": "string", "new_instance_caller_cache": "This
              API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more
              information.", "reflection_data": { "clock": 0, "timestamp": 0 }, "reflection_factory": "This API contains a circular
              reference, Refer to the spec file that can be downloaded from the documentation for more information.",
              "serial_persistent_fields": [ "This API contains a circular reference, Refer to the spec file that can be downloaded
              from the documentation for more information." ], "synthetic": 0, "use_caches": true }, "unshared": true } ],
              "unknown_array": [ "This API contains a circular reference, Refer to the spec file that can be downloaded from the
              documentation for more information." ], "unsafe": { "address_size": 0, "array_boolean_base_offset": 0,
              "array_boolean_index_scale": 0, "array_byte_base_offset": 0, "array_byte_index_scale": 0, "array_char_base_offset": 0,
              "array_char_index_scale": 0, "array_double_base_offset": 0, "array_double_index_scale": 0, "array_float_base_offset":
              0, "array_float_index_scale": 0, "array_int_base_offset": 0, "array_int_index_scale": 0, "array_long_base_offset": 0,
              "array_long_index_scale": 0, "array_object_base_offset": 0, "array_object_index_scale": 0, "array_short_base_offset":
              0, "array_short_index_scale": 0, "invalid_field_offset": 0, "the_unsafe": "This API contains a circular reference,
              Refer to the spec file that can be downloaded from the documentation for more information." } } }, "ipv4": "string",
              "ipv6": "string", "log": { "root_logger_name": "string" }, "port": 0, "raw_string": "string", "subnet": "string",
              "subnet_sep": "string" } ], "nfs_whitelist_inherited": true, "on_disk_dedup": "NONE", "oplog_replication_factor": 0,
              "prefer_higher_ecfault_domain": true, "random_io_preference": [ "string" ], "replication_factor": 0,
              "seq_io_preference": [ "string" ], "software_inline_ec_type": "ContainerDTO.SoftwareInlineEcType(type
              same-vdisk-strips)", "stats": { "property1": "string", "property2": "string" }, "storage_container_uuid": "string",
              "storage_pool_id": "string", "storage_pool_uuid": "string", "total_explicit_reserved_capacity": 0,
              "total_implicit_reserved_capacity": 0, "usage_stats": { "property1": "string", "property2": "string" },
              "vstore_name_list": [ "string" ] } }
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "value": true
}
```

/tasks

Cancel a task.

Cancel a running task.

query Parameters

|||---|---||include\_subtasks\_info|boolean whether to include detailed information of the immediate subtasks, defaults to false|

Request Body schema: application/json

list of UUIDs

Array

string

Responses

200

Successful operation

put/tasks/cancel

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/tasks/cancel

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

``` curl --request PUT \ --url https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/tasks/cancel \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \

```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "entities": [
- "string"],
- "error\_info": {
- "count": 0,
- "entity\_list": [
- "string"],
- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",

- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

}`

## Get a list of tasks.

Get a list of generated tasks.

### Request Body schema: application/json

Request for fetching tasks

||| | --- | --- || cluster\_uuid\_list | Array of strings | | count | integer | | cut\_off\_time\_usecs | integer | | entity\_list | Array of objects  
(create.dto.ergon.EntityIdRequestDTO) | | include\_completed | boolean | | include\_subtasks\_info | boolean | | operation\_type\_list | Array of strings |

## Responses

### 200

Successful operation

post/tasks/list

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/tasks/list

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/tasks/list \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "cluster_uuid_list": [ "string" ], "count": 0, "cut_off_time_usecs": 0, "entity_list": [ { "entity_id": "string", "entity_type": "NODE" } ], "include_completed": true, "include_subtasks_info": true, "operation_type_list": [ "string" ] }'
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "entities": [
- {
  - "cluster\_uuid": "string",
  - "complete\_time\_usecs": 0,
  - "create\_time\_usecs": 0,
  - "display\_name": "string",
  - "entity\_list": [
  - {

```

    • "entity_id": "string",
    • "entity_name": "string",
    • "entity_type": "NODE"}],
  • "last_updated_time_usecs": 0,
  • "message": "string",
  • "meta_request": {
  • "method_name": "string"},
  • "meta_response": {
  • "error_code": 0,
  • "error_detail": "string"},
  • "operation_type": "string",
  • "parent_task_uuid": "string",
  • "percentage_complete": 0,
  • "progress_status": "QUEUED",
  • "start_time_usecs": 0,
  • "subtask_info_list": [
  • "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
  • "subtask_uuid_list": [
  • "string"],
  • "uuid": "string"}],
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}
`

```

## Get details of the specified task.

Get details of the specified task.

### path Parameters

||| | --- | --- || uuid required | string UUID of the task |

### query Parameters

||| | --- | --- || include\_subtasks\_info | boolean Whether to include a detailed information of the immediate subtasks. Default value is false. |

## Responses

### 200

Successful operation

get/tasks/{uuid}

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/tasks/{uuid}](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/tasks/{uuid})

## Request samples



- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/tasks/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "cluster_uuid": "string",
  • "complete_time_usecs": 0,
  • "create_time_usecs": 0,
  • "display_name": "string",
  • "entity_list": [
  • {
    • "entity_id": "string",
    • "entity_name": "string",
    • "entity_type": "NODE"}],
  • "last_updated_time_usecs": 0,
  • "message": "string",
  • "meta_request": {
  • "method_name": "string"},
  • "meta_response": {
  • "error_code": 0,
  • "error_detail": "string"},
  • "operation_type": "string",
  • "parent_task_uuid": "string",
  • "percentage_complete": 0,
  • "progress_status": "QUEUED",
  • "start_time_usecs": 0,
  • "subtask_info_list": [
  • "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
  • "subtask_uuid_list": [
  • "string"],
  • "uuid": "string"
}
```

Poll a task.

Poll a task to check if its ready.

Request Body schema: application/json

Task poll request

||| --- | --- || completed\_tasks | Array of strings | | timeout\_interval | integer |

## Responses

### 200

Successful operation

post/tasks/poll

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/tasks/poll

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/tasks/poll \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "completed_tasks": [ "string" ], "timeout_interval": 0 }'
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "completed\_tasks\_info": [
  - {
    - "cluster\_uuid": "string",
    - "complete\_time\_usecs": 0,
    - "create\_time\_usecs": 0,
    - "display\_name": "string",
    - "entity\_list": [
      - {
        - "entity\_id": "string",
        - "entity\_name": "string",
        - "entity\_type": "NODE"}],
    - "last\_updated\_time\_usecs": 0,
    - "message": "string",
    - "meta\_request": {
    - "method\_name": "string"},
    - "meta\_response": {
    - "error\_code": 0,
    - "error\_detail": "string"},
    - "operation\_type": "string",
    - "parent\_task\_uuid": "string",
    - "percentage\_complete": 0,
    - "progress\_status": "QUEUED",
    - "start\_time\_usecs": 0,
    - "subtask\_info\_list": [
      - "This API contains a circular reference, Refer to the spec file that can be downloaded from the documentation for more information."],
      - "subtask\_uuid\_list": [
        - "string"],

```
    • "uuid": "string"]],
  • "timed_out": true
}`
```

## /upgrade

### delete/upgrade/{type}/softwares/{name}/deleteSoftware

#### path Parameters

| | | | --- | --- | | type required | string | | name required | string |

#### Responses

##### 200

Successful operation

delete/upgrade/{type}/softwares/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/{name}

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/{name} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

#### Response samples

- 200

Content type

application/json

Copy

```
`{
  • "value": true
}`
```

### get/upgrade/{type}/configuration/getUpgradeConfiguration

#### path Parameters

| | | | --- | --- | | type required | string |

#### Responses

##### 200

Successful operation

get/upgrade/{type}/configuration

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/configuration

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/configuration \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

## Response samples

- 200

Content type

application/json

Copy

```
`{
  "enable_automatic_downloads": true
}`
```

## get/upgrade/{type}/softwares/{name}/getSoftware

### path Parameters

||| | --- | --- || type required | string || name required | string |

### Responses

#### 200

Successful operation

get/upgrade/{type}/softwares/{name}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/{name}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/{name} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "cmisp_required": true,
  • "compatible_fs_versions": [
  • "string"],
  • "compatible_fsm_versions": [
  • "string"],
  • "compatible_nos_versions": [
  • "string"],
  • "compatible_pe_nos_versions": [
  • "string"],
  • "compatible_platforms": [
  • "string"],
  • "compatible_versions": [
  • "string"],
  • "current_size_in_bytes": 0,
  • "full_release_version": "string",
  • "gpg_signature": "string",
  • "hypervisor_installer_string": "string",
  • "hypervisor_type": "string",
  • "is_lts": true,
  • "log": {
  • "root_logger_name": "string",
  • "md5_sum": "string",
  • "min_nos_version": "string",
  • "min_pcversion": "string",
  • "minimum_requirements_dto": {
  • "memory_gb": 0,
  • "storage_gb": 0,
  • "v_cpus": 0},
  • "name": "string",
  • "prism_central_sizes": [
  • {
    • "disk_size_in_gib": 0,
    • "memory_size_in_gib": 0,
    • "num_vms_supported": 0,
    • "pc_vm_form_factor": "string",
    • "vcpus": 0}},
  • "qualified_date": 0,
  • "release_date": 0,
  • "release_note_url": "string",
  • "software_type": "NOS",
  • "status": "NONE",
  • "supported_models": [
  • "string"],
  • "total_size_in_bytes": 0,
  • "transfer_type": "AUTOMATIC_DOWNLOAD",
  • "upgrade_notification": {
  • "cancel_message": "string",
  • "description_item_list": [
    • {
    • "affected_releases": [
      • "string"],
    • "message": "string",
```

- "severity\_level": "string"}],
- "proceed\_message": "string",
- "title": "string"},
- "url": "string",
- "version": "string"

```
}`
```

## get/upgrade/{type}/softwares/getSoftwares

### path Parameters

```
||| | --- | --- || type required | string |
```

### query Parameters

```
||| | --- | --- || release_type | string |
```

### Responses

#### 200

Successful operation

get/upgrade/{type}/softwares

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "entities": [
  • {
    • "cmsp_required": true,
    • "compatible_fs_versions": [
    • "string"],
    • "compatible_fsm_versions": [
    • "string"],
    • "compatible_nos_versions": [
    • "string"],
    • "compatible_pe_nos_versions": [
```

- "string"],
- "compatible\_platforms": [
- "string"],
- "compatible\_versions": [
- "string"],
- "current\_size\_in\_bytes": 0,
- "full\_release\_version": "string",
- "gpg\_signature": "string",
- "hypervisor\_installer\_string": "string",
- "hypervisor\_type": "string",
- "is\_lts": true,
- "log": {
- "root\_logger\_name": "string"},
- "md5\_sum": "string",
- "min\_nos\_version": "string",
- "min\_pcversion": "string",
- "minimum\_requirements\_dto": {
- "memory\_gb": 0,
- "storage\_gb": 0,
- "v\_cpus": 0},
- "name": "string",
- "prism\_central\_sizes": [
- {
  - "disk\_size\_in\_gib": 0,
  - "memory\_size\_in\_gib": 0,
  - "num\_vms\_supported": 0,
  - "pc\_vm\_form\_factor": "string",
  - "vcpus": 0}],
- "qualified\_date": 0,
- "release\_date": 0,
- "release\_note\_url": "string",
- "software\_type": "NOS",
- "status": "NONE",
- "supported\_models": [
- "string"],
- "total\_size\_in\_bytes": 0,
- "transfer\_type": "AUTOMATIC\_DOWNLOAD",
- "upgrade\_notification": {
- "cancel\_message": "string",
- "description\_item\_list": [
  - {
    - "affected\_releases": [
      - "string"],
    - "message": "string",
    - "severity\_level": "string"}],
  - "proceed\_message": "string",
  - "title": "string"},
  - "url": "string",
  - "version": "string"}],
- "error\_info": {
- "count": 0,
- "entity\_list": [
  - "string"],
- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,

- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

}`

## get/upgrade/validate\_compatibility/{type}/{version}/validateCompatibility

### path Parameters

||| | --- | --- || type required | string | | version required | string |

### Responses

#### 200

Successful operation

get/upgrade/validate\_compatibility/{type}/{version}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/validate\_compatibility/{type}/{version}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/validate_compatibility/{type}/{version} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

`{`

- "value": true

`}

## post/upgrade/{type}/metadata/uploadMetadata

### path Parameters

||| | --- | --- || type required | string |

### Request Body schema: application/octet-stream

||| | --- | --- || max\_skip\_buffer\_size | integer |

### Responses



## 200

Successful operation

post/upgrade/{type}/metadata

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/metadata

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/metadata \ --header 'Accept: application/json' \ --header 'Content-Type: application/octet-stream' \ --data '{ "max_skip_buffer_size": 0 }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
```

- "value": true

```
}
```

## post/upgrade/{type}/softwares/{name}/cancel\_transfer/cancelSoftwareTransfer

### path Parameters

||| --- || type required | string | | name required | string |

### Responses

## 200

Successful operation

post/upgrade/{type}/softwares/{name}/cancel\_transfer

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/{name}/cancel\_transfer

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/{name}/cancel_transfer \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
'''
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "cmosp_required": true,
  • "compatible_fs_versions": [
  • "string",
  • "compatible_fsm_versions": [
  • "string",
  • "compatible_nos_versions": [
  • "string",
  • "compatible_pe_nos_versions": [
  • "string",
  • "compatible_platforms": [
  • "string",
  • "compatible_versions": [
  • "string",
  • "current_size_in_bytes": 0,
  • "full_release_version": "string",
  • "gpg_signature": "string",
  • "hypervisor_installer_string": "string",
  • "hypervisor_type": "string",
  • "is_lts": true,
  • "log": {
  • "root_logger_name": "string",
  • "md5_sum": "string",
  • "min_nos_version": "string",
  • "min_pcversion": "string",
  • "minimum_requirements_dto": {
  • "memory_gb": 0,
  • "storage_gb": 0,
  • "v_cpus": 0},
  • "name": "string",
  • "prism_central_sizes": [
  • {
    • "disk_size_in_gib": 0,
    • "memory_size_in_gib": 0,
    • "num_vms_supported": 0,
    • "pc_vm_form_factor": "string",
    • "vcpus": 0}},
  • "qualified_date": 0,
  • "release_date": 0,
  • "release_note_url": "string",
  • "software_type": "NOS",
  • "status": "NONE",
  • "supported_models": [
  • "string",
  • "total_size_in_bytes": 0,
  • "transfer_type": "AUTOMATIC_DOWNLOAD",
  • "upgrade_notification": {
  • "cancel_message": "string",
  • "description_item_list": [
```

```
• {
•   "affected_releases": [
•     "string"],
•   "message": "string",
•   "severity_level": "string"}],
• "proceed_message": "string",
• "title": "string",
• "url": "string",
• "version": "string"
}
```

## post/upgrade/{type}/softwares/{name}/download/downloadSoftware

### path Parameters

| | | | --- | --- | | type required | string | | name required | string |

### Responses

#### 200

Successful operation

post/upgrade/{type}/softwares/{name}/download

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/{name}/download

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/{name}/download \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
•   "cmisp_required": true,
•   "compatible_fs_versions": [
•     "string"],
•   "compatible_fsm_versions": [
•     "string"],
•   "compatible_nos_versions": [
•     "string"],
•   "compatible_pe_nos_versions": [
•     "string"],
•   "compatible_platforms": [
```

```
• "string"],
• "compatible_versions": [
• "string"],
• "current_size_in_bytes": 0,
• "full_release_version": "string",
• "gpg_signature": "string",
• "hypervisor_installer_string": "string",
• "hypervisor_type": "string",
• "is_lts": true,
• "log": {
• "root_logger_name": "string"},
• "md5_sum": "string",
• "min_nos_version": "string",
• "min_pcversion": "string",
• "minimum_requirements_dto": {
• "memory_gb": 0,
• "storage_gb": 0,
• "v_cpus": 0},
• "name": "string",
• "prism_central_sizes": [
• {
• "disk_size_in_gib": 0,
• "memory_size_in_gib": 0,
• "num_vms_supported": 0,
• "pc_vm_form_factor": "string",
• "vcpus": 0}},
• "qualified_date": 0,
• "release_date": 0,
• "release_note_url": "string",
• "software_type": "NOS",
• "status": "NONE",
• "supported_models": [
• "string"],
• "total_size_in_bytes": 0,
• "transfer_type": "AUTOMATIC_DOWNLOAD",
• "upgrade_notification": {
• "cancel_message": "string",
• "description_item_list": [
• {
• "affected_releases": [
• "string"],
• "message": "string",
• "severity_level": "string"}],
• "proceed_message": "string",
• "title": "string"},
• "url": "string",
• "version": "string"
}
}
```

## post/upgrade/{type}/softwares/{name}/upload/uploadSoftware

### path Parameters

||| |---| --- || type required | string || name required | string |

### query Parameters

||| |---| --- || overwrite | boolean || file\_size | integer || md5sum | string || version | string || offset | integer || hypervisor\_type | string |

### header Parameters

||| |---| --- || software\_metadata | string |

**Request Body schema: application/octet-stream**

||| |---| --- || max\_skip\_buffer\_size | integer |

**Responses**

**200**

Successful operation

post/upgrade/{type}/softwares/{name}/upload

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/{name}/upload

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/{name}/upload \ --header 'Accept:
application/json' \ --header 'Content-Type: application/octet-stream' \ --header 'software_metadata: string' \ --data
'{ "max_skip_buffer_size": 0 }'
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "cmisp_required": true,
  • "compatible_fs_versions": [
  • "string",
  • "compatible_fsm_versions": [
  • "string",
  • "compatible_nos_versions": [
  • "string",
  • "compatible_pe_nos_versions": [
  • "string",
  • "compatible_platforms": [
  • "string",
  • "compatible_versions": [
  • "string",
  • "current_size_in_bytes": 0,
  • "full_release_version": "string",
  • "gpg_signature": "string",
  • "hypervisor_installer_string": "string",
  • "hypervisor_type": "string",
  • "is_its": true,
  • "log": {
  • "root_logger_name": "string",
```

- "md5\_sum": "string",
- "min\_nos\_version": "string",
- "min\_pcversion": "string",
- "minimum\_requirements\_dto": {
- "memory\_gb": 0,
- "storage\_gb": 0,
- "v\_cpus": 0},
- "name": "string",
- "prism\_central\_sizes": [
- {
- "disk\_size\_in\_gib": 0,
- "memory\_size\_in\_gib": 0,
- "num\_vms\_supported": 0,
- "pc\_vm\_form\_factor": "string",
- "vcpus": 0}},
- "qualified\_date": 0,
- "release\_date": 0,
- "release\_note\_url": "string",
- "software\_type": "NOS",
- "status": "NONE",
- "supported\_models": [
- "string"],
- "total\_size\_in\_bytes": 0,
- "transfer\_type": "AUTOMATIC\_DOWNLOAD",
- "upgrade\_notification": {
- "cancel\_message": "string",
- "description\_item\_list": [
- {
- "affected\_releases": [
- "string"],
- "message": "string",
- "severity\_level": "string"}},
- "proceed\_message": "string",
- "title": "string"},
- "url": "string",
- "version": "string"

```
}`
```

## post/upgrade/{type}/softwares/download/downloadSoftwareFromMetadata

### path Parameters

| | | | --- | --- | | type required | string |

### query Parameters

| | | | --- | --- | | metadata | string |

### Responses

#### 200

Successful operation

post/upgrade/{type}/softwares/download

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/download](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/download)

### Request samples

- cURL
- Wget
- Python

- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/download \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "cmsp_required": true,
  • "compatible_fs_versions": [
  • "string",
  • "compatible_fsm_versions": [
  • "string",
  • "compatible_nos_versions": [
  • "string",
  • "compatible_pe_nos_versions": [
  • "string",
  • "compatible_platforms": [
  • "string",
  • "compatible_versions": [
  • "string",
  • "current_size_in_bytes": 0,
  • "full_release_version": "string",
  • "gpg_signature": "string",
  • "hypervisor_installer_string": "string",
  • "hypervisor_type": "string",
  • "is_lts": true,
  • "log": {
  • "root_logger_name": "string",
  • "md5_sum": "string",
  • "min_nos_version": "string",
  • "min_pcversion": "string",
  • "minimum_requirements_dto": {
  • "memory_gb": 0,
  • "storage_gb": 0,
  • "v_cpus": 0},
  • "name": "string",
  • "prism_central_sizes": [
  • {
    • "disk_size_in_gib": 0,
    • "memory_size_in_gib": 0,
    • "num_vms_supported": 0,
    • "pc_vm_form_factor": "string",
    • "vcpus": 0}},
  • "qualified_date": 0,
  • "release_date": 0,
  • "release_note_url": "string",
```

```

    • "software_type": "NOS",
    • "status": "NONE",
    • "supported_models": [
    • "string"],
    • "total_size_in_bytes": 0,
    • "transfer_type": "AUTOMATIC_DOWNLOAD",
    • "upgrade_notification": {
    • "cancel_message": "string",
    • "description_item_list": [
      • {
      • "affected_releases": [
        • "string"],
        • "message": "string",
        • "severity_level": "string"}],
    • "proceed_message": "string",
    • "title": "string"},
    • "url": "string",
    • "version": "string"
  }`

```

**post/upgrade/{type}/softwares/validate\_upload/validateSoftwareMetadata**

**path Parameters**

```

| | | | --- | --- | | type required | string |

```

**Request Body schema: application/octet-stream**

```

| | | | --- | --- | | max_skip_buffer_size | integer |

```

**Responses**

**200**

Successful operation

post/upgrade/{type}/softwares/validate\_upload

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/validate\_upload

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

curl --request POST \ --url
https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/softwares/validate_upload \ --header 'Accept:
application/json' \ --header 'Content-Type: application/octet-stream' \ --data '{ "max_skip_buffer_size": 0 }'

```

**Response samples**

- 200

Content type

application/json

Copy

```

`{

```



- "value": "string"

}`

**post/upgrade/hypervisor\_installer/softwares/getHypervisorInstallers**

**Request Body schema: application/json**

Array

| | | | --- | --- | | property name\* additional property | object (java.lang.Object) |

**Responses**

**200**

Successful operation

post/upgrade/hypervisor\_installer/softwares

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/hypervisor\_installer/softwares

**Request samples**

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/hypervisor_installer/softwares \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

**Response samples**

- 200

Content type

application/json

Copy

Expand all Collapse all

`{

- "entities": [
  - {
    - "cmssp\_required": true,
    - "compatible\_fs\_versions": [
      - "string",
    - "compatible\_fsm\_versions": [
      - "string",
    - "compatible\_nos\_versions": [
      - "string",
    - "compatible\_pe\_nos\_versions": [
      - "string",
    - "compatible\_platforms": [
      - "string",
    - "compatible\_versions": [
      - "string",
    - "current\_size\_in\_bytes": 0,

- "full\_release\_version": "string",
- "gpg\_signature": "string",
- "hypervisor\_installer\_string": "string",
- "hypervisor\_type": "string",
- "is\_lts": true,
- "log": {
- "root\_logger\_name": "string"},
- "md5\_sum": "string",
- "min\_nos\_version": "string",
- "min\_pcversion": "string",
- "minimum\_requirements\_dto": {
- "memory\_gb": 0,
- "storage\_gb": 0,
- "v\_cpus": 0},
- "name": "string",
- "prism\_central\_sizes": [- {
- "disk\_size\_in\_gib": 0,
- "memory\_size\_in\_gib": 0,
- "num\_vms\_supported": 0,
- "pc\_vm\_form\_factor": "string",
- "vcpus": 0}],
- "qualified\_date": 0,
- "release\_date": 0,
- "release\_note\_url": "string",
- "software\_type": "NOS",
- "status": "NONE",
- "supported\_models": [- "string"],
- "total\_size\_in\_bytes": 0,
- "transfer\_type": "AUTOMATIC\_DOWNLOAD",
- "upgrade\_notification": {
- "cancel\_message": "string",
- "description\_item\_list": [- {
- "affected\_releases": [- "string"],
- "message": "string",
- "severity\_level": "string"}],
- "proceed\_message": "string",
- "title": "string"},
- "url": "string",
- "version": "string"}],
- "error\_info": {
- "count": 0,
- "entity\_list": [- "string"],
- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,

- "total\_entities": 0}

}`

## put/upgrade/{type}/configuration/editUpgradeConfiguration

### path Parameters

||| | --- | --- || type required | string |

### Request Body schema: application/json

||| | --- | --- || enable\_automatic\_downloads | boolean |

### Responses

#### 200

Successful operation

put/upgrade/{type}/configuration

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/configuration

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/upgrade/{type}/configuration \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{
"enable_automatic_downloads": true }'
```

### Response samples

- 200

Content type

application/json

Copy

`{

- "enable\_automatic\_downloads": true

}`

## /vdisks

### Get a list of vdisks in the cluster.

Get a list of vdisks in the cluster.

### query Parameters

||| | --- | --- || path required | string Path of ndfs file |

### Responses

#### 200

Successful operation

get/vdisks

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vdisks

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vdisks \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "entities": [
  - {
    - "file\_path": "string",
    - "file\_type": "FILE",
    - "name": "string",
    - "total\_size": 0,
    - "used\_size": 0}],
- "error\_info": {
- "count": 0,
- "entity\_list": [
  - "string"],
- "message": "string"},
- "metadata": {
- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

```
`}
```

## /virtual\_disks

**Get the list of VirtualDisks.**

Get the list of VirtualDisks configured in the cluster.

## query Parameters

| count | integer Number of VirtualDisks to retrieve | filter_criteria | string Filter criteria | sort_criteria | string Sort criteria | search_string | string Search string | search_attribute_list | Array of strings Search attribute list | page | integer Page number | projection | string Projections on the attributes |
|-------|--|-----------------|------------------------|---------------|----------------------|---------------|----------------------|-----------------------|--|------|---------------------|------------|--------------------------------------|
|-------|--|-----------------|------------------------|---------------|----------------------|---------------|----------------------|-----------------------|--|------|---------------------|------------|--------------------------------------|

## Responses

## 200

Successful operation

## 500

Any internal exception while performing this operation

get/virtual\_disks

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/virtual\\_disks](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/virtual_disks)

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
''' curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/virtual_disks \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

...

## Response samples

- 200

Content type

```
application/json
```

Copy

Expand all Collapse all

{

- [illegible]

- "alert\_details": {
  - "metric\_details": [
    - null],
  - "severity\_trails": [
    - null]],
- "alert\_title": "string",
- "alert\_type\_uuid": "string",
- "auto\_resolved": true,
- "categories": [
  - "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": null,
    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,
    - "details": null,
    - "has\_global\_details": null,
    - "id": null,
    - "num\_resolved\_count": null,
    - "parent\_cause\_id": null,
    - "title": null,
    - "troubleshooting\_steps": null]],
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true]],
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],

- "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": null,
    - "entity\_type": null,
    - "entity\_type\_display\_name": null,
    - "id": null,
    - "uuid": null}},
  - "alert\_details": {
    - "metric\_details": [
      - null],
    - "severity\_trails": [
      - null]],
  - "alert\_title": "string",
  - "alert\_type\_uuid": "string",
  - "auto\_resolved": true,
  - "categories": [
    - "string"],
  - "check\_id": "string",
  - "classifications": [
    - "string"],
  - "cluster\_uuid": "string",
  - "context\_types": [
    - "string"],
  - "context\_values": [
    - "string"],
  - "created\_time\_stamp\_in\_usecs": 0,
  - "detailed\_message": "string",
  - "entity\_ids": [
    - "string"],
  - "entity\_types": [
    - "string"],
  - "entity\_uuids": [
    - "string"],
  - "id": "string",
  - "impact": "string",
  - "impact\_types": [
    - "string"],
  - "last\_occurrence\_time\_stamp\_in\_usecs": 0,
  - "message": "string",
  - "node\_uuid": "string",

- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": null,
    - "additional\_links": null,
    - "alert\_namespace": null,
    - "cause": null,
    - "chart\_queries": null,
    - "details": null,
    - "has\_global\_details": null,
    - "id": null,
    - "num\_resolved\_count": null,
    - "parent\_cause\_id": null,
    - "title": null,
    - "troubleshooting\_steps": null}},
- "resolved": true,
- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}}},
  - "count": 0},
  - "attached\_vm\_id": "string",
  - "attached\_vm\_uuid": "string",
  - "attached\_vmname": "string",
  - "attached\_volume\_group\_id": "string",
  - "cluster\_uuid": "string",
  - "container\_id": "string",
  - "container\_uuid": "string",
  - "datasource\_uuid": "string",
  - "device\_uuid": "string",
  - "disk\_address": "string",
  - "disk\_capacity\_in\_bytes": 0,
  - "flash\_mode\_enabled": true,
  - "health\_summary": {
    - "entity\_type\_summaries": [
      - {
        - "checks\_in\_error": {
          - "property1": {
            - "cluster\_level": [
              - {



- "entity\_name": null,
- "entity\_uuid": null,
- "message": null}},
- "node\_level": [
  - {
  - "entity\_name": null,
  - "entity\_uuid": null,
  - "message": null}}},
- "property2": {
- "cluster\_level": [
  - {
  - "entity\_name": null,
  - "entity\_uuid": null,
  - "message": null}},
- "node\_level": [
  - {
  - "entity\_name": null,
  - "entity\_uuid": null,
  - "message": null}}}},
- "detailed\_check\_summary": {
  - "property1": {
  - "property1": 0,
  - "property2": 0},
  - "property2": {
  - "property1": 0,
  - "property2": 0}},
  - "entity\_type": "PAGE",
  - "filter\_criteria": "string",
  - "health\_summary": {
    - "property1": 0,
    - "property2": 0}},
- "health\_check\_summaries": {
  - "property1": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0},
  - "property2": {
  - "attribute\_map": {
    - "property1": "string",
    - "property2": "string"},
  - "executed\_time\_stamp\_in\_usecs": 0,
  - "health\_status": "Critical",
  - "id": "string",
  - "score": 0}},
- "health\_status": "Critical"},
- "nutanix\_nfsfile\_path": "string",
- "stats": {
- "property1": "string",
- "property2": "string"},
- "storage\_container\_id": "string",
- "storage\_container\_uuid": "string",
- "usage\_stats": {
- "property1": "string",
- "property2": "string"},
- "uuid": "string",

```

    • "virtual_disk_id": "string"}},
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}
`

```

## Get the stats for a specified VirtualDisk.

If start time and end time are included in the query string, then historical stats are retrieved. Otherwise, the latest stats are retrieved.

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of the VirtualDisk |

### query Parameters

| | | | --- | --- | | metrics required | Array of strings List of metrics | | start\_time\_in\_usecs | integer Start time in microseconds | | end\_time\_in\_usecs | integer End time in microseconds | | interval\_in\_secs | integer Sampling interval of stats |

## Responses

### 200

Successful operation

### 500

Any internal exception while performing this operation

get/virtual\_disks/{uuid}/stats

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/virtual\_disks/{uuid}/stats

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/virtual_disks/{uuid}/stats \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "stats_specific_responses": [
  • {
    • "interval_in_secs": 0,
    • "message": "string",
    • "metric": "string",
    • "start_time_in_usecs": 0,
    • "successful": true,
    • "values": [
      • 0]]
  }
}`
```

Get VirtualDisk.

Get VirtualDisk with the specified Uuid.

path Parameters

||| --- | --- || uuid required | string Uuid of the VirtualDisk |

query Parameters

||| --- | --- || projection | string Projections on the attributes |

Responses

200

Successful operation

500

Any internal exception while performing this operation

```
get/virtual_disks/{uuid}

https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/virtual_disks/{uuid}
```

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/virtual_disks/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "alert_summary": {
  • "alert_summaries": {
    • "property1": {
    • "entities": [
      • {
      • "acknowledged": true,
      • "acknowledged_by_username": "string",
      • "acknowledged_time_stamp_in_usecs": 0,
      • "affected_entities": [
        • {
        • "entity_name": "string",
        • "entity_type": "string",
        • "entity_type_display_name": "string",
        • "id": "string",
        • "uuid": "string"}],
      • "alert_details": {
        • "metric_details": [
        • {
          • "comparison_operator": "string",
          • "condition_type": "STATIC_THRESHOLD",
          • "data_type": "LONG",
          • "entity_id": "string",
          • "entity_type": "string",
          • "metric_category": "string",
          • "metric_display_name": "string",
          • "metric_name": "string",
          • "metric_value_details": [
            • null],
          • "unit": "string"}],
        • "severity_trails": [
        • {
          • "severity": "string",
          • "severity_change_timestamp_in_usecs": 0}}],
      • "alert_title": "string",
      • "alert_type_uuid": "string",
      • "auto_resolved": true,
      • "categories": [
        • "string"],
      • "check_id": "string",
      • "classifications": [
        • "string"],
      • "cluster_uuid": "string",
      • "context_types": [
        • "string"],
      • "context_values": [
        • "string"],
      • "created_time_stamp_in_usecs": 0,
      • "detailed_message": "string",
      • "entity_ids": [
        • "string"],
      • "entity_types": [
        • "string"],
```

- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
        - "details": "string",
        - "has\_global\_details": true,
        - "id": "string",
        - "num\_resolved\_count": 0,
        - "parent\_cause\_id": "string",
        - "title": "string",
        - "troubleshooting\_steps": "string"}},
      - "resolved": true,
      - "resolved\_by\_username": "string",
      - "resolved\_time\_stamp\_in\_usecs": 0,
      - "service\_vmid": "string",
      - "severity": "string",
      - "user\_defined": true}},
    - "error\_info": {
      - "count": 0,
      - "entity\_list": [
        - "string"],
      - "message": "string"},
    - "metadata": {
      - "count": 0,
      - "end\_index": 0,
      - "filter\_criteria": "string",
      - "grand\_total\_entities": 0,

- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}],
  - "alert\_details": {
    - "metric\_details": [
      - {
        - "comparison\_operator": "string",
        - "condition\_type": "STATIC\_THRESHOLD",
        - "data\_type": "LONG",
        - "entity\_id": "string",
        - "entity\_type": "string",
        - "metric\_category": "string",
        - "metric\_display\_name": "string",
        - "metric\_name": "string",
        - "metric\_value\_details": [
          - null],
        - "unit": "string"}],
      - "severity\_trails": [
        - {
          - "severity": "string",
          - "severity\_change\_timestamp\_in\_usecs": 0}}],
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
      - "string"],
    - "check\_id": "string",
    - "classifications": [
      - "string"],
    - "cluster\_uuid": "string",
    - "context\_types": [
      - "string"],
    - "context\_values": [
      - "string"],
    - "created\_time\_stamp\_in\_usecs": 0,
    - "detailed\_message": "string",
    - "entity\_ids": [
      - "string"],
    - "entity\_types": [
      - "string"],
    - "entity\_uuids": [
      - "string"],

- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"}],
  - "resolved": true,
  - "resolved\_by\_username": "string",
  - "resolved\_time\_stamp\_in\_usecs": 0,
  - "service\_vmid": "string",
  - "severity": "string",
  - "user\_defined": true}],
  - "error\_info": {
    - "count": 0,
    - "entity\_list": [
      - "string"],
    - "message": "string"},
  - "metadata": {
    - "count": 0,
    - "end\_index": 0,
    - "filter\_criteria": "string",
    - "grand\_total\_entities": 0,
    - "next\_cursor": "string",
    - "page": 0,

- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}}},
- "count": 0},
- "attached\_vm\_id": "string",
- "attached\_vm\_uuid": "string",
- "attached\_vmname": "string",
- "attached\_volume\_group\_id": "string",
- "cluster\_uuid": "string",
- "container\_id": "string",
- "container\_uuid": "string",
- "datasource\_uuid": "string",
- "device\_uuid": "string",
- "disk\_address": "string",
- "disk\_capacity\_in\_bytes": 0,
- "flash\_mode\_enabled": true,
- "health\_summary": {
- "entity\_type\_summaries": [
- {
- "checks\_in\_error": {
- "property1": {
- "cluster\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]},
- "node\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]}],
- "property2": {
- "cluster\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]},
- "node\_level": [
- {
- "entity\_name": "string",
- "entity\_uuid": "string",
- "message": "string"]}]},
- "detailed\_check\_summary": {
- "property1": {
- "property1": 0,
- "property2": 0},
- "property2": {
- "property1": 0,
- "property2": 0}},
- "entity\_type": "PAGE",
- "filter\_criteria": "string",
- "health\_summary": {
- "property1": 0,
- "property2": 0}}},
- "health\_check\_summaries": {
- "property1": {
- "attribute\_map": {



```

    • "property1": "string",
    • "property2": "string"},
  • "executed_time_stamp_in_usecs": 0,
  • "health_status": "Critical",
  • "id": "string",
  • "score": 0},
  • "property2": {
  • "attribute_map": {
    • "property1": "string",
    • "property2": "string"},
  • "executed_time_stamp_in_usecs": 0,
  • "health_status": "Critical",
  • "id": "string",
  • "score": 0}},
  • "health_status": "Critical"},
  • "nutanix_nfsfile_path": "string",
  • "stats": {
  • "property1": "string",
  • "property2": "string"},
  • "storage_container_id": "string",
  • "storage_container_uuid": "string",
  • "usage_stats": {
  • "property1": "string",
  • "property2": "string"},
  • "uuid": "string",
  • "virtual_disk_id": "string"
}
}

```

## Update virtual Disk.

### Request Body schema: application/json required

DTO specifying different parameters for VirtualDisk along with flash mode

```

| | | --- | --- | | alert_summary | object (update.dto.alerts.AlertSummaryDTO) | | attached_vm_id | string | | attached_vm_uuid | string | | attached_vmname | string |
| attached_volume_group_id | string | | cluster_uuid | string | | container_id | string | | container_uuid | string | | datasource_uuid | string | | device_uuid | string | |
disk_address | string | | disk_capacity_in_bytes | integer | | flash_mode_enabled | boolean | | health_summary | object
(update.dto.health.check.HealthSummaryDTO) | | nutanix_nfsfile_path | string | | stats | object | | storage_container_id | string | | storage_container_uuid | string | |
usage_stats | object | | uuid | string | | virtual_disk_id | string |

```

### Responses

#### 200

Successful operation

#### 500

Any internal exception while performing this operation

put/virtual\_disks

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/virtual\\_disks](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/virtual_disks)

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/virtual_disks \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "alert_summary": { "alert_summaries": { "property1": { "entities": [ { "acknowledged": true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0, "affected_entities": [ { "entity_name": "string", "entity_type": "string", "entity_type_display_name": "string", "id": "string", "uuid": "string" } ], "alert_details": { "metric_details": [ { "comparison_operator": "string", "condition_type": "STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string", "entity_type": "string", "metric_category": "string", "metric_display_name": "string", "metric_name": "string", "metric_value_details": [ { "metric_threshold_value": "string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ], "unit": "string" } ], "severity_trails": [ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] }, "alert_title": "string", "alert_type_uuid": "string", "auto_resolved": true, "categories": [ "string" ], "check_id": "string", "classifications": [ "string" ], "cluster_uuid": "string", "context_types": [ "string" ], "context_values": [ "string" ], "created_time_stamp_in_usecs": 0, "detailed_message": "string", "entity_ids": [ "string" ], "entity_types": [ "string" ], "entity_uuids": [ "string" ], "id": "string", "impact": "string", "impact_types": [ "string" ], "last_occurrence_time_stamp_in_usecs": 0, "message": "string", "node_uuid": "string", "operation_type": "string", "originating_cluster_uuid": "string", "possible_causes": [ { "actions": "string", "additional_links": "string", "alert_namespace": "string", "cause": "string", "chart_queries": { "entities": [ { "actions": "string", "alerts": "string", "cadmus": "string", "entities": "string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ { "additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ], "title": "string" }, "perspectives": [ { "format": "TABLE", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ { "additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ], "title": "string" }, "query": null, "result": null, "type": "string" } ] } ], "error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index": 0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor": "string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "details": "string", "has_global_details": true, "id": "string", "num_resolved_count": 0, "parent_cause_id": "string", "title": "string", "troubleshooting_steps": "string" } ], "resolved": true, "resolved_by_username": "string", "resolved_time_stamp_in_usecs": 0, "service_vmid": "string", "severity": "string", "user_defined": true } ], "error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index": 0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor": "string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "property2": { "entities": [ { "acknowledged": true, "acknowledged_by_username": "string", "acknowledged_time_stamp_in_usecs": 0, "affected_entities": [ { "entity_name": "string", "entity_type": "string", "entity_type_display_name": "string", "id": "string", "uuid": "string" } ], "alert_details": { "metric_details": [ { "comparison_operator": "string", "condition_type": "STATIC_THRESHOLD", "data_type": "LONG", "entity_id": "string", "entity_type": "string", "metric_category": "string", "metric_display_name": "string", "metric_name": "string", "metric_value_details": [ { "metric_threshold_value": "string", "metric_value": "string", "state_change_time_stamp_in_usecs": 0 } ], "unit": "string" } ], "severity_trails": [ { "severity": "string", "severity_change_timestamp_in_usecs": 0 } ] }, "alert_title": "string", "alert_type_uuid": "string", "auto_resolved": true, "categories": [ "string" ], "check_id": "string", "classifications": [ "string" ], "cluster_uuid": "string", "context_types": [ "string" ], "context_values": [ "string" ], "created_time_stamp_in_usecs": 0, "detailed_message": "string", "entity_ids": [ "string" ], "entity_types": [ "string" ], "entity_uuids": [ "string" ], "id": "string", "impact": "string", "impact_types": [ "string" ], "last_occurrence_time_stamp_in_usecs": 0, "message": "string", "node_uuid": "string", "operation_type": "string", "originating_cluster_uuid": "string", "possible_causes": [ { "actions": "string", "additional_links": "string", "alert_namespace": "string", "cause": "string", "chart_queries": { "entities": [ { "actions": "string", "alerts": "string", "cadmus": "string", "entities": "string", "help": "string", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ { "additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ], "title": "string" }, "perspectives": [ { "format": "TABLE", "metadata": { "entity_type": "PAGE", "filters": [ { "display_for_rhs": "string", "lhs": "string", "operator": "string", "rhs": "string" } ], "instances": [ { "additional_fields": { "property1": "string", "property2": "string" }, "cluster_uuid": "string", "context_hint_field": "string", "context_hint_value": "string", "entity_id": "string", "entity_name": "string", "entity_type": "PAGE" } ], "title": "string" }, "query": null, "result": null, "type": "string" } ] } ], "error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index": 0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor": "string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "details": "string", "has_global_details": true, "id": "string", "num_resolved_count": 0, "parent_cause_id": "string", "title": "string", "troubleshooting_steps": "string" } ], "resolved": true, "resolved_by_username": "string", "resolved_time_stamp_in_usecs": 0, "service_vmid": "string", "severity": "string", "user_defined": true } ], "error_info": { "count": 0, "entity_list": [ "string" ], "message": "string" }, "metadata": { "count": 0, "end_index": 0, "filter_criteria": "string", "grand_total_entities": 0, "next_cursor": "string", "page": 0, "previous_cursor": "string", "search_string": "string", "sort_criteria": "string", "start_index": 0, "total_entities": 0 } }, "count": 0 }, "attached_vm_id": "string", "attached_vm_uuid": "string", "attached_vmname": "string", "attached_volume_group_id": "string", "cluster_uuid": "string", "container_id": "string", "container_uuid": "string", "datasource_uuid": "string", "device_uuid": "string", "disk_address": "string", "disk_capacity_in_bytes": 0, "flash_mode_enabled": true,
```

```
"health_summary": { "entity_type_summaries": [ { "checks_in_error": { "property1": { "cluster_level": [ {
"entity_name": "string", "entity_uuid": "string", "message": "string" } ], "node_level": [ { "entity_name": "string",
"entity_uuid": "string", "message": "string" } ] }, "property2": { "cluster_level": [ { "entity_name": "string",
"entity_uuid": "string", "message": "string" } ], "node_level": [ { "entity_name": "string", "entity_uuid": "string",
"message": "string" } ] } }, "detailed_check_summary": { "property1": {}, "property2": {} }, "entity_type": "PAGE",
"filter_criteria": "string", "health_summary": { "property1": 0, "property2": 0 } } ], "health_check_summaries": {
"property1": { "attribute_map": { "property1": "string", "property2": "string" }, "executed_time_stamp_in_usecs": 0,
"health_status": "Critical", "id": "string", "score": 0 }, "property2": { "attribute_map": { "property1": "string",
"property2": "string" }, "executed_time_stamp_in_usecs": 0, "health_status": "Critical", "id": "string", "score": 0 }
}, "health_status": "Critical" }, "nutanix_nfsfile_path": "string", "stats": { "property1": "string", "property2":
"string" }, "storage_container_id": "string", "storage_container_uuid": "string", "usage_stats": { "property1":
"string", "property2": "string" }, "uuid": "string", "virtual_disk_id": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
```

- "alert\_summary": {
- "alert\_summaries": {
  - "property1": {
  - "entities": [
    - {
    - "acknowledged": true,
    - "acknowledged\_by\_username": "string",
    - "acknowledged\_time\_stamp\_in\_usecs": 0,
    - "affected\_entities": [
      - {
      - "entity\_name": "string",
      - "entity\_type": "string",
      - "entity\_type\_display\_name": "string",
      - "id": "string",
      - "uuid": "string"}],
    - "alert\_details": {
      - "metric\_details": [
      - {
        - "comparison\_operator": "string",
        - "condition\_type": "STATIC\_THRESHOLD",
        - "data\_type": "LONG",
        - "entity\_id": "string",
        - "entity\_type": "string",
        - "metric\_category": "string",
        - "metric\_display\_name": "string",
        - "metric\_name": "string",
        - "metric\_value\_details": [
        - null],
        - "unit": "string"}],
      - "severity\_trails": [
      - {
        - "severity": "string",
        - "severity\_change\_timestamp\_in\_usecs": 0}}],
      - "alert\_title": "string",
      - "alert\_type\_uuid": "string",
      - "auto\_resolved": true,
      - "categories": [

- "string"],
- "check\_id": "string",
- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
    - "details": "string",
    - "has\_global\_details": true,
    - "id": "string",
    - "num\_resolved\_count": 0,
    - "parent\_cause\_id": "string",
    - "title": "string",
    - "troubleshooting\_steps": "string"}],
    - "resolved": true,

- "resolved\_by\_username": "string",
- "resolved\_time\_stamp\_in\_usecs": 0,
- "service\_vmid": "string",
- "severity": "string",
- "user\_defined": true}},
- "error\_info": {
  - "count": 0,
  - "entity\_list": [
    - "string"],
  - "message": "string"},
- "metadata": {
  - "count": 0,
  - "end\_index": 0,
  - "filter\_criteria": "string",
  - "grand\_total\_entities": 0,
  - "next\_cursor": "string",
  - "page": 0,
  - "previous\_cursor": "string",
  - "search\_string": "string",
  - "sort\_criteria": "string",
  - "start\_index": 0,
  - "total\_entities": 0}},
- "property2": {
- "entities": [
  - {
  - "acknowledged": true,
  - "acknowledged\_by\_username": "string",
  - "acknowledged\_time\_stamp\_in\_usecs": 0,
  - "affected\_entities": [
    - {
    - "entity\_name": "string",
    - "entity\_type": "string",
    - "entity\_type\_display\_name": "string",
    - "id": "string",
    - "uuid": "string"}},
- "alert\_details": {
  - "metric\_details": [
    - {
      - "comparison\_operator": "string",
      - "condition\_type": "STATIC\_THRESHOLD",
      - "data\_type": "LONG",
      - "entity\_id": "string",
      - "entity\_type": "string",
      - "metric\_category": "string",
      - "metric\_display\_name": "string",
      - "metric\_name": "string",
      - "metric\_value\_details": [
        - null],
      - "unit": "string"}},
    - "severity\_trails": [
      - {
        - "severity": "string",
        - "severity\_change\_timestamp\_in\_usecs": 0}}},
    - "alert\_title": "string",
    - "alert\_type\_uuid": "string",
    - "auto\_resolved": true,
    - "categories": [
      - "string"],
    - "check\_id": "string",

- "classifications": [
  - "string"],
- "cluster\_uuid": "string",
- "context\_types": [
  - "string"],
- "context\_values": [
  - "string"],
- "created\_time\_stamp\_in\_usecs": 0,
- "detailed\_message": "string",
- "entity\_ids": [
  - "string"],
- "entity\_types": [
  - "string"],
- "entity\_uuids": [
  - "string"],
- "id": "string",
- "impact": "string",
- "impact\_types": [
  - "string"],
- "last\_occurrence\_time\_stamp\_in\_usecs": 0,
- "message": "string",
- "node\_uuid": "string",
- "operation\_type": "string",
- "originating\_cluster\_uuid": "string",
- "possible\_causes": [
  - {
    - "actions": "string",
    - "additional\_links": "string",
    - "alert\_namespace": "string",
    - "cause": "string",
    - "chart\_queries": {
      - "entities": [
        - null],
      - "error\_info": {
        - "count": null,
        - "entity\_list": [ ],
        - "message": null},
        - "metadata": {
          - "count": null,
          - "end\_index": null,
          - "filter\_criteria": null,
          - "grand\_total\_entities": null,
          - "next\_cursor": null,
          - "page": null,
          - "previous\_cursor": null,
          - "search\_string": null,
          - "sort\_criteria": null,
          - "start\_index": null,
          - "total\_entities": null}},
  - "details": "string",
  - "has\_global\_details": true,
  - "id": "string",
  - "num\_resolved\_count": 0,
  - "parent\_cause\_id": "string",
  - "title": "string",
  - "troubleshooting\_steps": "string"}],
  - "resolved": true,
  - "resolved\_by\_username": "string",
  - "resolved\_time\_stamp\_in\_usecs": 0,

- ```

    • "service_vmid": "string",
    • "severity": "string",
    • "user_defined": true}},
  • "error_info": {
    • "count": 0,
    • "entity_list": [
    • "string"],
    • "message": "string"),
  • "metadata": {
    • "count": 0,
    • "end_index": 0,
    • "filter_criteria": "string",
    • "grand_total_entities": 0,
    • "next_cursor": "string",
    • "page": 0,
    • "previous_cursor": "string",
    • "search_string": "string",
    • "sort_criteria": "string",
    • "start_index": 0,
    • "total_entities": 0}},
  • "count": 0},
  • "attached_vm_id": "string",
  • "attached_vm_uuid": "string",
  • "attached_vmname": "string",
  • "attached_volume_group_id": "string",
  • "cluster_uuid": "string",
  • "container_id": "string",
  • "container_uuid": "string",
  • "datasource_uuid": "string",
  • "device_uuid": "string",
  • "disk_address": "string",
  • "disk_capacity_in_bytes": 0,
  • "flash_mode_enabled": true,
  • "health_summary": {
  • "entity_type_summaries": [
  • {
  • "checks_in_error": {
    • "property1": {
    • "cluster_level": [
      • {
        • "entity_name": "string",
        • "entity_uuid": "string",
        • "message": "string"}],
    • "node_level": [
      • {
        • "entity_name": "string",
        • "entity_uuid": "string",
        • "message": "string"}],
    • "property2": {
    • "cluster_level": [
      • {
        • "entity_name": "string",
        • "entity_uuid": "string",
        • "message": "string"}],
    • "node_level": [
      • {
        • "entity_name": "string",
        • "entity_uuid": "string",
        • "message": "string"}],

```

```

    • "detailed_check_summary": {
      • "property1": {
      • "property1": 0,
      • "property2": 0},
      • "property2": {
      • "property1": 0,
      • "property2": 0}},
    • "entity_type": "PAGE",
    • "filter_criteria": "string",
    • "health_summary": {
      • "property1": 0,
      • "property2": 0}},
    • "health_check_summaries": {
      • "property1": {
      • "attribute_map": {
        • "property1": "string",
        • "property2": "string"},
      • "executed_time_stamp_in_usecs": 0,
      • "health_status": "Critical",
      • "id": "string",
      • "score": 0},
      • "property2": {
      • "attribute_map": {
        • "property1": "string",
        • "property2": "string"},
      • "executed_time_stamp_in_usecs": 0,
      • "health_status": "Critical",
      • "id": "string",
      • "score": 0}},
    • "health_status": "Critical",
    • "nutanix_nfsfile_path": "string",
    • "stats": {
    • "property1": "string",
    • "property2": "string"},
    • "storage_container_id": "string",
    • "storage_container_uuid": "string",
    • "usage_stats": {
    • "property1": "string",
    • "property2": "string"},
    • "uuid": "string",
    • "virtual_disk_id": "string"
  }`

```

## /vms

### Add a NIC to a Virtual Machine.

Add a NIC to a Virtual Machine. A VM NIC must be associated with a virtual network. It is not possible to change this association. To connect a VM to a different virtual network, it is necessary to create a new NIC. If the virtual network is managed (see POST /networks/), the NIC must be assigned an IPv4 address at creation time. If the network has no DHCP pool, the user must specify the IPv4 address manually. If the VM is running, the NIC is hot-added to the VM. The logical timestamp can optionally be provided for consistency. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the Virtual Machine logical timestamp. The logical timestamp can be obtained from the Virtual Machine object. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

#### path Parameters

||| | --- | --- || uuid required | string UUID of the Virtual Machine |

**Request Body schema: application/json required**



NIC Config Info

||| | --- | --- | | spec\_list | Array of objects (create.dto.acropolis.VMNicSpecDTO) | | uuid | string | | vm\_logical\_timestamp | integer |

Responses

200

Successful operation

post/vms/{uuid}/nics

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/nics

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/nics \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "spec_list": [ { "adapter_type": "E1000", "ip_address": "string", "ip_addresses": [ "string" ], "is_connected": true, "mac_address": "string", "model": "string", "network_uuid": "string", "nic_uuid": "string", "port_id": "string", "request_ip": true, "requested_ip_address": "string", "vlan_mode": "Access" } ], "uuid": "string", "vm_logical_timestamp": 0 }'
```

Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

Attach disks to Virtual Machine.

Attach disks to Virtual Machine.A disk drive may either be a regular disk drive, or a CD-ROM drive. Only CD-ROM drives may be empty. By default, regular disk drives are configured on the SCSI bus, and CD-ROM drives are configured on the IDE bus. The user may override this behavior with the deviceBus attribute. By default, a disk drive is placed on the first available bus slot. The user may override this behavior with the deviceIndex attribute. Disks on the SCSI bus may optionally be configured for passthrough on platforms that support iSCSI. When in passthrough mode, SCSI commands are passed directly to NDFS via iSCSI. When SCSI passthrough is disabled, the hypervisor provides a SCSI emulation layer, and treats the underlying iSCSI target as a block device. By default, SCSI passthrough is enabled for SCSI devices on supported platforms. If the disk image is cloned from an existing vmdisk or NFS file, the user may specify a minimum size for the resulting clone. This can be used to expand a disk image at clone time. If the VM is running, the disk is hot-added to the VM. Note that certain buses, like IDE, are not hot-pluggable. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

path Parameters

||| | --- | --- | | uuid required | string Id of the Virtual Machine |

Request Body schema: application/json required

Info about the virtual disks or CD-Roms to be attached

||| | --- | --- | | uuid | string | | vm\_disks | Array of objects (create.dto.uhura.VMDiskDTO) |

Responses

200

Successful operation

post/vms/{uuid}/disks/attach

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/disks/attach

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/disks/attach \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "uuid": "string", "vm_disks": [ { "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "flash_mode_enabled": true, "is_cdrom": true, "is_empty": true, "is_scsi_pass_through": true, "is_thin_provisioned": true, "vm_disk_clone": { "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "minimum_size": 0, "snapshot_group_uuid": "string", "storage_container_uuid": "string" }, "vm_disk_clone_external": { "external_disk_url": "string", "size": 0, "storage_container_uuid": "string" }, "vm_disk_create": { "size": 0, "storage_container_uuid": "string" }, "vm_disk_passthru_external": { "external_disk_url": "string", "storage_container_uuid": "string" } } ] }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

## Clone a Virtual Machine.

Clone a Virtual Machine from a snapshot or Virtual Machine.If a UUID is specified for the cloned Virtual Machine, this operation will be idempotent. If `override_network_config` is set to true in the clone spec, then the source Virtual Machine s network configuration is overridden by one specified in the nic list. If false, the clone will inherit its basic network configuration from the source, minus MAC and IP address. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the `/tasks/poll` API.

### path Parameters

||| --- || uuid required | string Id of the Virtual Machine |

### Request Body schema: application/json

Clone a Virtual Machine

||| --- || container\_uuid | string || source\_vmlogical\_timestamp | integer || spec\_list | Array of objects (create.dto.acropolis.VMCloneSpecDTO) || storage\_container\_uuid | string || uuid | string || vm\_customization\_config | object (create.dto.acropolis.VMCustomizationConfigDTO) |

### Responses

200

Successful operation

post/vms/{uuid}/clone

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/clone

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/clone \ --header
'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "container_uuid": "string",
"source_vmlogical_timestamp": 0, "spec_list": [ { "boot_config": { "boot_device_order": [ "string" ],
"boot_device_type": "CDROM", "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string",
"disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid":
"string" }, "hardware_virtualization": true, "mac_addr": "string", "secure_boot": true, "uefi_boot": true },
"clone_affinity": true, "memory_mb": 0, "name": "string", "num_cores_per_vcpu": 0, "num_vcpus": 0,
"override_network_config": true, "uuid": "string", "vm_nics": [ { "adapter_type": "E1000", "ip_address": "string",
"ip_addresses": [ "string" ], "is_connected": true, "mac_address": "string", "model": "string", "network_uuid":
"string", "nic_uuid": "string", "port_id": "string", "request_ip": true, "requested_ip_address": "string", "vlan_mode":
"Access" } ] } ], "storage_container_uuid": "string", "uuid": "string", "vm_customization_config": { "datasource_type":
"CONFIG_DRIVE_V2", "files_to_inject_list": [ { "destination_path": "string", "source_path": "string" } ],
"fresh_install": true, "userdata": "string", "userdata_path": "string" } }'
```

Response samples

- 200

Content type

application/json

Copy

```
`{
• "task_uuid": "string"
}`
```

Create a Virtual Machine.

Create a Virtual Machine with specified configuration. If a UUID is specified for the Virtual Machine, this operation will be idempotent. This is an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

Request Body schema: application/json required

Create a Virtual Machine

```
||| |---| ---| | allow_live_migrate | boolean | | boot | object (create.dto.acropolis.BootConfigDTO) | | cbr_not_capable_reason | string | | clear_affinity | boolean | |
description | string | | gpus_assigned | boolean | | guest_driver_version | string | | guest_os | string | | ha_priority | integer | | host_uuid | string | | machine_type |
string Enum: "PC" "P SERIES" "Q35" | | memory_mb | integer | | memory_reservation_mb | integer | | name | string | | num_cores_per_vcpu | integer | |
num_vcpus | integer | | power_state | string Enum: "UNKNOWN" "OFF" "POWERING_ON" "ON" "SHUTTING_DOWN" "POWERING_OFF" "PAUSING"
"PAUSED" "SUSPENDING" "SUSPENDED" "RESUMING" "RESETTING" "MIGRATING" | | serial_ports | Array of objects
(create.dto.uhura.SerialPortConfigDTO) | | storage_container_uuid | string | | timezone | string | | tools_installer_mounted | boolean | | tools_running_status | string
Enum: "UNKNOWN" "GUEST_TOOLS_EXECUTING_SCRIPTS" "GUEST_TOOLS_NOT_RUNNING" "GUEST_TOOLS_RUNNING" | | uuid | string | |
vcpu_reservation_hz | integer | | vm_customization_config | object (create.dto.acropolis.VMCustomizationConfigDTO) | | vm_disk_info | Array of objects
(create.dto.uhura.VmDiskInfoDTO) | | vm_disks | Array of objects (create.dto.uhura.VMDiskDTO) | | vm_features | object | | vm_gpus | Array of objects
(create.dto.uhura.GPUConfigDTO) | | vm_logical_timestamp | integer | | vm_nics | Array of objects (create.dto.acropolis.VMNicSpecDTO) |
```

Responses

- 200

Successful operation

post/vms

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

### Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "allow_live_migrate": true, "boot": { "boot_device_order": [ "string" ], "boot_device_type": "CDROM", "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "hardware_virtualization": true, "mac_addr": "string", "secure_boot": true, "uefi_boot": true }, "cbr_not_capable_reason": "string", "clear_affinity": true, "description": "string", "gpu_assigned": true, "guest_driver_version": "string", "guest_os": "string", "ha_priority": 0, "host_uuid": "string", "machine_type": "PC", "memory_mb": 0, "memory_reservation_mb": 0, "name": "string", "num_cores_per_vcpu": 0, "num_vcpus": 0, "power_state": "UNKNOWN", "serial_ports": [ { "index": 0, "type": "NULL" } ], "storage_container_uuid": "string", "timezone": "string", "tools_installer_mounted": true, "tools_running_status": "UNKNOWN", "uuid": "string", "vcpu_reservation_hz": 0, "vm_customization_config": { "datasource_type": "CONFIG_DRIVE_V2", "files_to_inject_list": [ { "destination_path": "string", "source_path": "string" } ], "fresh_install": true, "userdata": "string", "userdata_path": "string" }, "vm_disk_info": [ { "datasource_uuid": "string", "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "flash_mode_enabled": true, "is_cdrom": true, "is_empty": true, "is_hot_remove_enabled": true, "is_scsi_passthrough": true, "is_thin_provisioned": true, "shared": true, "size": 0, "source_disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "storage_container_uuid": "string" } ], "vm_disks": [ { "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "flash_mode_enabled": true, "is_cdrom": true, "is_empty": true, "is_scsi_pass_through": true, "is_thin_provisioned": true, "vm_disk_clone": { "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "minimum_size": 0, "snapshot_group_uuid": "string", "storage_container_uuid": "string" }, "vm_disk_clone_external": { "external_disk_url": "string", "size": 0, "storage_container_uuid": "string" }, "vm_disk_create": { "size": 0, "storage_container_uuid": "string" }, "vm_disk_passthru_external": { "external_disk_url": "string", "storage_container_uuid": "string" } } ], "vm_features": { "property1": true, "property2": true }, "vm_gpus": [ { "assignable": true, "device_id": 0, "device_name": "string", "fraction": 0, "frame_buffer_size_bytes": 0, "gpu_mode": "UNUSED", "gpu_profile": "string", "gpu_type": "PASS_THROUGH_GRAPHICS", "gpu_vendor": "NVIDIA", "guest_driver_version": "string", "in_use": true, "licenses": [ "string" ], "max_instances_per_vm": 0, "max_resolution": "string", "num_virtual_display_heads": 0, "numa_node": 0, "sdbf": "string", "vm_uuids": [ "string" ] } ], "vm_logical_timestamp": 0, "vm_nics": [ { "adapter_type": "E1000", "ip_address": "string", "ip_addresses": [ "string" ], "is_connected": true, "mac_address": "string", "model": "string", "network_uuid": "string", "nic_uuid": "string", "port_id": "string", "request_ip": true, "requested_ip_address": "string", "vlan_mode": "Access" } ] } }
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

Delete a NIC from a Virtual Machine.

Delete a NIC from a Virtual Machine. If the VM is running, the NIC is hot-removed from the VM. If the NIC to be removed is specified as the boot device in the boot configuration, the boot device configuration will be cleared as a side effect of removing the NIC. The logical timestamp can optionally be provided for consistency. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the Virtual Machine logical timestamp. The logical timestamp can be obtained from the Virtual Machine object. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

path Parameters

||| |---|---|| vm\_uuid required | string UUID of the Virtual Machine || nic\_id required | string Virtual Machine NIC identifier (MAC address) |

query Parameters

||| |---|---|| vm\_logical\_timestamp | integer Virtual Machine Logical timestamp |

Responses

200

Successful operation

delete/vms/{vm\_uuid}/nics/{nic\_id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{vm\_uuid}/nics/{nic\_id}

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{vm_uuid}/nics/{nic_id} \ --header 'Accept: application/json' \
--header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

```
`{
  "task_uuid": "string"
}`
```

Delete a Virtual Machine.

Delete a Virtual Machine. This is an idempotent operation. If the Virtual Machine is currently powered on, it will be forcefully powered off. The logical timestamp can optionally be provided for consistency. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the Virtual Machine logical timestamp. The logical timestamp can be obtained from the Virtual Machine object. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

path Parameters

||| |---|---|| uuid required | string Id of the Virtual Machine |

query Parameters

||| |---|---|| delete\_snapshots | boolean Delete Virtual Machine snapshots || logical\_timestamp | integer The Virtual logical timestamp |

Responses

200

Successful operation

delete/vms/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

Detach disks from Virtual Machine.

Detach disks from Virtual Machine. A disk drive may either be a regular disk drive, or a CD-ROM drive. Only CD-ROM drives may be empty. By default, regular disk drives are configured on the SCSI bus, and CD-ROM drives are configured on the IDE bus. The user may override this behavior with the deviceBus attribute. By default, a disk drive is placed on the first available bus slot. The user may override this behavior with the deviceIndex attribute. Disks on the SCSI bus may optionally be configured for passthrough on platforms that support iSCSI. When in passthrough mode, SCSI commands are passed directly to NDFS via iSCSI. When SCSI passthrough is disabled, the hypervisor provides a SCSI emulation layer, and treats the underlying iSCSI target as a block device. By default, SCSI passthrough is enabled for SCSI devices on supported platforms. If the disk image is cloned from an existing vmdisk or NFS file, the user may specify a minimum size for the resulting clone. This can be used to expand a disk image at clone time. If the VM is running, the disk is hot-added to the VM. Note that certain buses, like IDE, are not hot-pluggable. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

path Parameters

||| --- | --- || uuid required | string Id of the Virtual Machine |

Request Body schema: application/json required

Info about the virtual disks or CD-Roms to be detached

||| --- | --- || uuid | string || vm\_disks | Array of objects (create.dto.uhura.VmDiskInfoDTO) |

Responses

200

Successful operation

post/vms/{uuid}/disks/detach

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/disks/detach

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

### Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/disks/detach \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "uuid": "string", "vm_disks": [ { "datasource_uuid": "string", "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "flash_mode_enabled": true, "is_cdrom": true, "is_empty": true, "is_hot_remove_enabled": true, "is_scsi_passthrough": true, "is_thin_provisioned": true, "shared": true, "size": 0, "source_disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "storage_container_uuid": "string" } ] }'
```

## Response samples

- 200

### Content type

application/json

### Copy

```
{  
  
  "task_uuid": "string"  
}
```

## Details of a NIC in a Virtual Machine.

Details of a NIC in a Virtual Machine. Address assignments are not included by default as fetching these is an expensive operation. Address assignments can be included by setting include\_address\_assignments to true.

### path Parameters

||| |---|---|| vm\_uuid required | string Id of the Virtual Machine || nic\_id required | string Virtual Machine NIC identifier (MAC address) |

### query Parameters

||| |---|---|| include\_address\_assignments | boolean Include address assignments |

## Responses

### 200

Successful operation

get/vms/{vm\_uuid}/nics/{nic\_id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{vm\_uuid}/nics/{nic\_id}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{vm_uuid}/nics/{nic_id} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "adapter_type": "E1000",
  "ip_address": "string",
  "ip_addresses": [
    "string"],
  "is_connected": true,
  "mac_address": "string",
  "model": "string",
  "network_uuid": "string",
  "nic_uuid": "string",
  "port_id": "string",
  "request_ip": true,
  "requested_ip_address": "string",
  "vlan_mode": "Access"
}
```

Get a list of Virtual Machines.

Get a list of Virtual Machines. Virtual Machine disk information and network information are not included by default as fetching these are expensive operations. These can be included by setting the include\_vmdisk\_config and include\_vmnic\_config flags respectively.

query Parameters

||| | --- | --- | | filter | string Filter criteria - semicolon for AND, comma for OR | | offset | integer offset - Default 0 | | length | integer Number of VMs to retrieve | | sort\_order | string Sort order | | sort\_attribute | string Sort Attribute | | include\_vm\_disk\_config | boolean Whether to include Virtual Machine disk information. | | include\_vm\_nic\_config | boolean Whether to include network information. |

Responses

200

Successful operation

get/vms

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy



```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "allow_live_migrate": true,
      "boot": {
        "boot_device_order": [
          "CDROM"],
        "boot_device_type": "CDROM",
        "disk_address": {
          "device_bus": "SCSI",
          "device_index": 0,
          "device_uuid": "string",
          "disk_label": "string",
          "is_cdrom": true,
          "ndfs_filepath": "string",
          "vmdisk_uuid": "string",
          "volume_group_uuid": "string"},
        "hardware_virtualization": true,
        "mac_addr": "string",
        "secure_boot": true,
        "uefi_boot": true},
      "cbr_not_capable_reason": "string",
      "clear_affinity": true,
      "description": "string",
      "gpus_assigned": true,
      "guest_driver_version": "string",
      "guest_os": "string",
      "ha_priority": 0,
      "host_uuid": "string",
      "machine_type": "PC",
      "memory_mb": 0,
      "memory_reservation_mb": 0,
      "name": "string",
      "num_cores_per_vcpu": 0,
      "num_vcpus": 0,
      "power_state": "UNKNOWN",
      "serial_ports": [
        {
          "index": 0,
          "type": "NULL"}],
      "storage_container_uuid": "string",
      "timezone": "string",
      "tools_installer_mounted": true,
      "tools_running_status": "UNKNOWN",
      "uuid": "string",
```

- "vcpu\_reservation\_hz": 0,
- "vm\_customization\_config": {
- "datasource\_type": "CONFIG\_DRIVE\_V2",
- "files\_to\_inject\_list": [
  - {
  - "destination\_path": "string",
  - "source\_path": "string"}],
- "fresh\_install": true,
- "userdata": "string",
- "userdata\_path": "string"},
- "vm\_disk\_info": [
  - {
    - "datasource\_uuid": "string",
    - "disk\_address": {
    - "device\_bus": "SCSI",
    - "device\_index": 0,
    - "device\_uuid": "string",
    - "disk\_label": "string",
    - "is\_cdrom": true,
    - "ndfs\_filepath": "string",
    - "vmdisk\_uuid": "string",
    - "volume\_group\_uuid": "string"},
    - "flash\_mode\_enabled": true,
    - "is\_cdrom": true,
    - "is\_empty": true,
    - "is\_hot\_remove\_enabled": true,
    - "is\_scsi\_passthrough": true,
    - "is\_thin\_provisioned": true,
    - "shared": true,
    - "size": 0,
    - "source\_disk\_address": {
    - "device\_bus": "SCSI",
    - "device\_index": 0,
    - "device\_uuid": "string",
    - "disk\_label": "string",
    - "is\_cdrom": true,
    - "ndfs\_filepath": "string",
    - "vmdisk\_uuid": "string",
    - "volume\_group\_uuid": "string"},
    - "storage\_container\_uuid": "string"}],
- "vm\_disks": [
  - {
    - "disk\_address": {
    - "device\_bus": "SCSI",
    - "device\_index": 0,
    - "device\_uuid": "string",
    - "disk\_label": "string",
    - "is\_cdrom": true,
    - "ndfs\_filepath": "string",
    - "vmdisk\_uuid": "string",
    - "volume\_group\_uuid": "string"},
    - "flash\_mode\_enabled": true,
    - "is\_cdrom": true,
    - "is\_empty": true,
    - "is\_scsi\_pass\_through": true,
    - "is\_thin\_provisioned": true,
    - "vm\_disk\_clone": {
    - "disk\_address": {
    - "device\_bus": "SCSI",

- "device\_index": 0,
- "device\_uuid": "string",
- "disk\_label": "string",
- "is\_cdrom": true,
- "ndfs\_filepath": "string",
- "vmdisk\_uuid": "string",
- "volume\_group\_uuid": "string"},
- "minimum\_size": 0,
- "snapshot\_group\_uuid": "string",
- "storage\_container\_uuid": "string"},
- "vm\_disk\_clone\_external": {
- "external\_disk\_url": "string",
- "size": 0,
- "storage\_container\_uuid": "string"},
- "vm\_disk\_create": {
- "size": 0,
- "storage\_container\_uuid": "string"},
- "vm\_disk\_passthru\_external": {
- "external\_disk\_url": "string",
- "storage\_container\_uuid": "string"}}},
- "vm\_features": {
- "property1": true,
- "property2": true},
- "vm\_gpus": [
- {
- "assignable": true,
- "device\_id": 0,
- "device\_name": "string",
- "fraction": 0,
- "frame\_buffer\_size\_bytes": 0,
- "gpu\_mode": "UNUSED",
- "gpu\_profile": "string",
- "gpu\_type": "PASS\_THROUGH\_GRAPHICS",
- "gpu\_vendor": "NVIDIA",
- "guest\_driver\_version": "string",
- "in\_use": true,
- "licenses": [
- "string"],
- "max\_instances\_per\_vm": 0,
- "max\_resolution": "string",
- "num\_virtual\_display\_heads": 0,
- "numa\_node": 0,
- "sddf": "string",
- "vm\_uuids": [
- "string"]}],
- "vm\_logical\_timestamp": 0,
- "vm\_nics": [
- {
- "adapter\_type": "E1000",
- "ip\_address": "string",
- "ip\_addresses": [
- "string"],
- "is\_connected": true,
- "mac\_address": "string",
- "model": "string",
- "network\_uuid": "string",
- "nic\_uuid": "string",
- "port\_id": "string",
- "request\_ip": true,

```

      • "requested_ip_address": "string",
      • "vlan_mode": "Access"}}}],
• "error_info": {
• "count": 0,
• "entity_list": [
  • "string"],
• "message": "string"},
• "metadata": {
• "count": 0,
• "end_index": 0,
• "filter_criteria": "string",
• "grand_total_entities": 0,
• "next_cursor": "string",
• "page": 0,
• "previous_cursor": "string",
• "search_string": "string",
• "sort_criteria": "string",
• "start_index": 0,
• "total_entities": 0}
}`

```

## Get a list of Virtual Machines.

Get details of a specific Virtual Machines. Virtual Machine disk information and network information are not included by default as fetching these are expensive operations. These can be included by setting the include\_vmdisk\_config and include\_vmnic\_config flags respectively.

### path Parameters

||| --- | --- || uuid required | string Id of the Virtual Machine |

### query Parameters

||| --- | --- || include\_vm\_disk\_config | boolean Whether to include Virtual Machine disk information. | | include\_vm\_nic\_config | boolean Whether to include network information. |

## Responses

### 200

Successful operation

get/vms/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```

``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \

```

```

```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "allow_live_migrate": true,
  • "boot": {
  • "boot_device_order": [
    • "CDROM"],
  • "boot_device_type": "CDROM",
  • "disk_address": {
    • "device_bus": "SCSI",
    • "device_index": 0,
    • "device_uuid": "string",
    • "disk_label": "string",
    • "is_cdrom": true,
    • "ndfs_filepath": "string",
    • "vmdisk_uuid": "string",
    • "volume_group_uuid": "string"},
  • "hardware_virtualization": true,
  • "mac_addr": "string",
  • "secure_boot": true,
  • "uefi_boot": true},
  • "cbr_not_capable_reason": "string",
  • "clear_affinity": true,
  • "description": "string",
  • "gpus_assigned": true,
  • "guest_driver_version": "string",
  • "guest_os": "string",
  • "ha_priority": 0,
  • "host_uuid": "string",
  • "machine_type": "PC",
  • "memory_mb": 0,
  • "memory_reservation_mb": 0,
  • "name": "string",
  • "num_cores_per_vcpu": 0,
  • "num_vcpus": 0,
  • "power_state": "UNKNOWN",
  • "serial_ports": [
  • {
    • "index": 0,
    • "type": "NULL"}],
  • "storage_container_uuid": "string",
  • "timezone": "string",
  • "tools_installer_mounted": true,
  • "tools_running_status": "UNKNOWN",
  • "uuid": "string",
  • "vcpu_reservation_hz": 0,
  • "vm_customization_config": {
  • "datasource_type": "CONFIG_DRIVE_V2",
  • "files_to_inject_list": [
    • {
    • "destination_path": "string",
    • "source_path": "string"}],
  • "fresh_install": true,
  • "userdata": "string",
  • "userdata_path": "string"},
```

- "vm\_disk\_info": [
- {
  - "datasource\_uuid": "string",
  - "disk\_address": {
  - "device\_bus": "SCSI",
  - "device\_index": 0,
  - "device\_uuid": "string",
  - "disk\_label": "string",
  - "is\_cdrom": true,
  - "ndfs\_filepath": "string",
  - "vmdisk\_uuid": "string",
  - "volume\_group\_uuid": "string"},
  - "flash\_mode\_enabled": true,
  - "is\_cdrom": true,
  - "is\_empty": true,
  - "is\_hot\_remove\_enabled": true,
  - "is\_scsi\_passthrough": true,
  - "is\_thin\_provisioned": true,
  - "shared": true,
  - "size": 0,
  - "source\_disk\_address": {
  - "device\_bus": "SCSI",
  - "device\_index": 0,
  - "device\_uuid": "string",
  - "disk\_label": "string",
  - "is\_cdrom": true,
  - "ndfs\_filepath": "string",
  - "vmdisk\_uuid": "string",
  - "volume\_group\_uuid": "string"},
  - "storage\_container\_uuid": "string"}},
- "vm\_disks": [
- {
  - "disk\_address": {
  - "device\_bus": "SCSI",
  - "device\_index": 0,
  - "device\_uuid": "string",
  - "disk\_label": "string",
  - "is\_cdrom": true,
  - "ndfs\_filepath": "string",
  - "vmdisk\_uuid": "string",
  - "volume\_group\_uuid": "string"},
  - "flash\_mode\_enabled": true,
  - "is\_cdrom": true,
  - "is\_empty": true,
  - "is\_scsi\_pass\_through": true,
  - "is\_thin\_provisioned": true,
  - "vm\_disk\_clone": {
  - "disk\_address": {
  - "device\_bus": "SCSI",
  - "device\_index": 0,
  - "device\_uuid": "string",
  - "disk\_label": "string",
  - "is\_cdrom": true,
  - "ndfs\_filepath": "string",
  - "vmdisk\_uuid": "string",
  - "volume\_group\_uuid": "string"},
  - "minimum\_size": 0,
  - "snapshot\_group\_uuid": "string",
  - "storage\_container\_uuid": "string"},

```

    • "vm_disk_clone_external": {
    • "external_disk_url": "string",
    • "size": 0,
    • "storage_container_uuid": "string"},
    • "vm_disk_create": {
    • "size": 0,
    • "storage_container_uuid": "string"},
    • "vm_disk_passthru_external": {
    • "external_disk_url": "string",
    • "storage_container_uuid": "string"}}},
  • "vm_features": {
  • "property1": true,
  • "property2": true},
  • "vm_gpus": [
  • {
    • "assignable": true,
    • "device_id": 0,
    • "device_name": "string",
    • "fraction": 0,
    • "frame_buffer_size_bytes": 0,
    • "gpu_mode": "UNUSED",
    • "gpu_profile": "string",
    • "gpu_type": "PASS_THROUGH_GRAPHICS",
    • "gpu_vendor": "NVIDIA",
    • "guest_driver_version": "string",
    • "in_use": true,
    • "licenses": [
    • "string"],
    • "max_instances_per_vm": 0,
    • "max_resolution": "string",
    • "num_virtual_display_heads": 0,
    • "numa_node": 0,
    • "sbd": "string",
    • "vm_uuids": [
    • "string"]}],
  • "vm_logical_timestamp": 0,
  • "vm_nics": [
  • {
    • "adapter_type": "E1000",
    • "ip_address": "string",
    • "ip_addresses": [
    • "string"],
    • "is_connected": true,
    • "mac_address": "string",
    • "model": "string",
    • "network_uuid": "string",
    • "nic_uuid": "string",
    • "port_id": "string",
    • "request_ip": true,
    • "requested_ip_address": "string",
    • "vlan_mode": "Access"]}
  ]
}

```

## Get list of NICs in a Virtual Machine.

Get list of NICs in a Virtual Machine. Address assignments are not included by default as fetching these is an expensive operation. Address assignments can be included by setting `include_address_assignments` to true.

### path Parameters

||| --- | --- || uuid required | string UUID of the Virtual Machine |

query Parameters

||| --- | --- || include\_address\_assignments | boolean Include address assignments |

Responses

200

Successful operation

get/vms/{uuid}/nics

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/nics

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/nics \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "adapter_type": "E1000",
      "ip_address": "string",
      "ip_addresses": [
        "string"],
      "is_connected": true,
      "mac_address": "string",
      "model": "string",
      "network_uuid": "string",
      "nic_uuid": "string",
      "port_id": "string",
      "request_ip": true,
      "requested_ip_address": "string",
      "vlan_mode": "Access"}],
    "error_info": {
      "count": 0,
      "entity_list": [
        "string"],
      "message": "string"},
    "metadata": {
```



- "count": 0,
- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

```
}`
```

## Mount and unmount guest tools on a given Virtual Machine.

Mount and unmount guest tools on a given Virtual Machine. If `override_guest` is set to false and no empty CdRom is available on the guest VM, then the mount operation will fail. If `override_guest` is set to true then the mount operation succeeds by unmounting a non-empty CdRom. This is an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the `/tasks/poll` API. This API works only for Esxi.

### path Parameters

```
| | | | --- | --- | | uuid required | string UUID of the Virtual Machine |
```

### Request Body schema: application/json required

VM Guest Tools Info

```
| | | | --- | --- | | operation | string Enum: "MOUNT" "UNMOUNT" | | override_guest | boolean | | uuid | string |
```

### Responses

#### 200

Successful operation

`post/vms/{uuid}/manage_vm_guest_tools`

`https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/manage_vm_guest_tools`

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/manage_vm_guest_tools \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "operation": "MOUNT",
"override_guest": true, "uuid": "string" }'
```

### Response samples

- 200

Content type

`application/json`

Copy

```
`{
• "task_uuid": "string"
```

```
}
```

## put/vms/{uuid}/disks/update/updateDisk

### path Parameters

||| | --- | --- || uuid required | string Id of the Virtual Machine |

### Request Body schema: application/json required

Update disk for VM

||| | --- | --- || uuid | string | | vm\_disks | Array of objects (update.dto.uhura.VMDiskDTO) | | vm\_logical\_timestamp | integer |

### Responses

#### 200

Successful operation

put/vms/{uuid}/disks/update

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/disks/update

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

#### Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/disks/update \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "uuid": "string", "vm_disks": [ { "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "flash_mode_enabled": true, "is_cdrom": true, "is_empty": true, "is_scsi_pass_through": true, "is_thin_provisioned": true, "vm_disk_clone": { "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "minimum_size": 0, "snapshot_group_uuid": "string", "storage_container_uuid": "string" }, "vm_disk_clone_external": { "external_disk_url": "string", "size": 0, "storage_container_uuid": "string" }, "vm_disk_create": { "size": 0, "storage_container_uuid": "string" }, "vm_disk_passthru_external": { "external_disk_url": "string", "storage_container_uuid": "string" } } ], "vm_logical_timestamp": 0 }'
```

### Response samples

- 200

#### Content type

application/json

#### Copy

```
{  
  • "task_uuid": "string"  
}
```

## Restore a Virtual Machine to a snapshotted state.

Restore a Virtual Machine to a snapshotted state. If the VM is currently running, it will be powered off. Since Virtual Machine snapshots do not include the Virtual Machine memory image, the Virtual Machine will remain powered off after the restore is complete. A Virtual Machine snapshot may no longer be compatible with the current virtual network configuration. In this case, the user may choose not to restore the Virtual Machine s network adpaters using the restoreNetworkConfig keyword argument. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

path Parameters

||| | --- | --- || uuid required | string Uuid of the Virtual Machine |

Request Body schema: application/json required

Restore Virtual Machine

||| | --- | --- || restore\_network\_configuration | boolean | | snapshot\_uuid | string | | uuid | string | | vm\_logical\_time\_stamp | integer |

Responses

200

Successful operation

post/vms/{uuid}/restore

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/restore

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/restore \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "restore_network_configuration": true, "snapshot_uuid": "string", "uuid": "string", "vm_logical_time_stamp": 0 }'
```

Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

Set power state of a Virtual Machine.

Set power state of a Virtual Machine. If the Virtual Machine is being powered on and no host is specified, the scheduler will pick the one with the most available CPU and memory that can support the Virtual Machine. Note that no such host may not be available. If the Virtual Machine is being power cycled, a different host can be specified to start it on. The logical timestamp can optionally be provided for consistency. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the Virtual Machine logical timestamp. The logical timestamp can be obtained from the Virtual Machine object. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

path Parameters

||| | --- | --- || uuid required | string Id of the Virtual Machine |

Request Body schema: application/json required

Virtual Machine Power State Info

||| | --- | --- || host\_uuid | string | | transition | string Enum: "ON" "OFF" "POWERCYCLE" "RESET" "PAUSE" "SUSPEND" "RESUME" "SAVE" "ACPI\_SHUTDOWN" "ACPI\_REBOOT" | | uuid | string | | vm\_logical\_timestamp | integer |

Responses

200

Successful operation

post/vms/{uuid}/set\_power\_state

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/set\_power\_state

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/set_power_state \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "host_uuid": "string",
"transition": "ON", "uuid": "string", "vm_logical_timestamp": 0 }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

## Update a NIC for a Virtual Machine.

Update a NIC for a Virtual Machine. A VM NIC must be associated with a MAC address. It is not possible to change this association as the MAC address acts as the NIC s identifier. If the virtual network is managed (see POST /networks/), the IPv4 address of the NIC can be updated. If the VM is running, the NIC is hot-added to the VM. The logical timestamp can optionally be provided for consistency. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the Virtual Machine logical timestamp. The logical timestamp can be obtained from the Virtual Machine object. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API.

### path Parameters

||| |---|---| | uuid required | string UUID of the Virtual Machine | | nic\_id required | string Virtual Machine NIC identifier (MAC address) |

### Request Body schema: application/json required

NIC Config Update Info

||| |---|---| | nic\_id | string | | nic\_spec | object (update.dto.acropolis.VMNicSpecDTO) | | uuid | string | | vm\_logical\_timestamp | integer |

### Responses

200

Successful operation

put/vms/{uuid}/nics/{nic\_id}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/nics/{nic\_id}

### Request samples

- cURL

- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}/nics/{nic_id} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "nic_id": "string", "nic_spec": { "adapter_type": "E1000", "ip_address": "string", "ip_addresses": [ "string" ], "is_connected": true, "mac_address": "string", "model": "string", "network_uuid": "string", "nic_uuid": "string", "port_id": "string", "request_ip": true, "requested_ip_address": "string", "vlan_mode": "Access" }, "uuid": "string", "vm_logical_timestamp": 0 }'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

## Update a Virtual Machine.

Update a Virtual Machine. Field that are not set or are not specified are ignored. Note that some attributes may not be modifiable while the Virtual Machine is running. For instance, the KVM hypervisor does not support CPU or memory hot-plug. The hwclockTimezone attribute specifies the VM s hardware clock timezone. Most operating systems assume the system clock is UTC, but some (like Windows) expect the local timezone. Changes to the clock timezone only take effect after a full Virtual Machine power cycle. This API can be used to reclaim memory from guests using a balloon driver. It is not currently possible to return ballooned memory to a guest. The attempt to reclaim memory may fail if the balloon driver is not installed, or is unable to allocate the requested amount of memory from the guest OS. In this case, the Virtual Machine s memory reservation will be restored to its value from before the balloon attempt. If a logical timestamp is specified, then this operation will be rejected if the logical timestamp specified is not the value of the Virtual Machine logical timestamp. The logical timestamp can be obtained from the Virtual Machine object. This is also an asynchronous operation that results in the creation of a task object. The UUID of this task object is returned as the response of this operation. This task can be monitored by using the /tasks/poll API. The VM disks cannot be updated using this api. Please use v2.0 vms/uuid/disks/update API.

### path Parameters

||| --- || uuid required | string Id of the Virtual Machine |

### Request Body schema: application/json required

Virtual Machine Update Info

||| --- || allow\_live\_migrate | boolean || boot | object (update.dto.acropolis.BootConfigDTO) || cbr\_not\_capable\_reason | string || clear\_affinity | boolean || description | string || gpus\_assigned | boolean || guest\_driver\_version | string || guest\_os | string || ha\_priority | integer || host\_uuid | string || machine\_type | string Enum: "PC" "PSERIES" "Q35" || memory\_mb | integer || memory\_reservation\_mb | integer || name | string || num\_cores\_per\_vcpu | integer || num\_vcpus | integer || power\_state | string Enum: "UNKNOWN" "OFF" "POWERING\_ON" "ON" "SHUTTING\_DOWN" "POWERING\_OFF" "PAUSING" "PAUSED" "SUSPENDING" "SUSPENDED" "RESUMING" "RESETTING" "MIGRATING" || serial\_ports | Array of objects (update.dto.uhura.SerialPortConfigDTO) || storage\_container\_uuid | string || timezone | string || tools\_installer\_mounted | boolean || tools\_running\_status | string Enum: "UNKNOWN" "GUEST\_TOOLS\_EXECUTING\_SCRIPTS" "GUEST\_TOOLS\_NOT\_RUNNING" "GUEST\_TOOLS\_RUNNING" || uuid | string || vcpu\_reservation\_hz | integer || vm\_customization\_config | object (update.dto.acropolis.VMCustomizationConfigDTO) || vm\_disk\_info | Array of objects (update.dto.uhura.VmDiskInfoDTO) || vm\_disks | Array of objects (update.dto.uhura.VMDiskDTO) || vm\_features | object || vm\_gpus | Array of objects (update.dto.uhura.GPUConfigDTO) || vm\_logical\_timestamp | integer || vm\_nics | Array of objects (update.dto.acropolis.VMNicSpecDTO) |

## Responses

200

Successful operation

put/vms/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid}

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

### Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vms/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "allow_live_migrate": true, "boot": { "boot_device_order": [ "string" ], "boot_device_type": "CDROM", "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "hardware_virtualization": true, "mac_addr": "string", "secure_boot": true, "uefi_boot": true }, "cbr_not_capable_reason": "string", "clear_affinity": true, "description": "string", "gpu_assigned": true, "guest_driver_version": "string", "guest_os": "string", "ha_priority": 0, "host_uuid": "string", "machine_type": "PC", "memory_mb": 0, "memory_reservation_mb": 0, "name": "string", "num_cores_per_vcpu": 0, "num_vcpus": 0, "power_state": "UNKNOWN", "serial_ports": [ { "index": 0, "type": "NULL" } ], "storage_container_uuid": "string", "timezone": "string", "tools_installer_mounted": true, "tools_running_status": "UNKNOWN", "uuid": "string", "vcpu_reservation_hz": 0, "vm_customization_config": { "datasource_type": "CONFIG_DRIVE_V2", "files_to_inject_list": [ { "destination_path": "string", "source_path": "string" } ], "fresh_install": true, "userdata": "string", "userdata_path": "string" }, "vm_disk_info": [ { "datasource_uuid": "string", "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "flash_mode_enabled": true, "is_cdrom": true, "is_empty": true, "is_hot_remove_enabled": true, "is_scsi_passthrough": true, "is_thin_provisioned": true, "shared": true, "size": 0, "source_disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "storage_container_uuid": "string" } ], "vm_disks": [ { "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "flash_mode_enabled": true, "is_cdrom": true, "is_empty": true, "is_scsi_pass_through": true, "is_thin_provisioned": true, "vm_disk_clone": { "disk_address": { "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "minimum_size": 0, "snapshot_group_uuid": "string", "storage_container_uuid": "string" }, "vm_disk_clone_external": { "external_disk_url": "string", "size": 0, "storage_container_uuid": "string" }, "storage_container_uuid": "string" }, "vm_disk_create": { "size": 0, "storage_container_uuid": "string" }, "vm_disk_passthru_external": { "external_disk_url": "string", "storage_container_uuid": "string" } } ], "vm_features": { "property1": true, "property2": true }, "vm_gpus": [ { "assignable": true, "device_id": 0, "device_name": "string", "fraction": 0, "frame_buffer_size_bytes": 0, "gpu_mode": "UNUSED", "gpu_profile": "string", "gpu_type": "PASS_THROUGH_GRAPHICS", "gpu_vendor": "NVIDIA", "guest_driver_version": "string", "in_use": true, "licenses": [ "string" ], "max_instances_per_vm": 0, "max_resolution": "string", "num_virtual_display_heads": 0, "numa_node": 0, "sdbf": "string", "vm_uuids": [ "string" ] } ], "vm_logical_timestamp": 0, "vm_nics": [ { "adapter_type": "E1000", "ip_address": "string", "ip_addresses": [ "string" ], "is_connected": true, "mac_address": "string", "model": "string", "network_uuid": "string", "nic_uuid": "string", "port_id": "string", "request_ip": true, "requested_ip_address": "string", "vlan_mode": "Access" } ] } }
```

## Response samples

- 200

### Content type

application/json

### Copy

```
{
  "task_uuid": "string"
}
```

## /volume\_groups

### Attach Volume Group to Virtual Machine.

#### path Parameters

||| |---| --- || uuid required | string UUID of the Volume Group |

### Request Body schema: application/json required

Virtual Machine attach configuration

||| |---| --- || index | integer || logical\_timestamp | integer || operation | string Enum: "ATTACH" "DETACH" || uuid | string || vm\_logical\_timestamp | integer || vm\_uuid | string |

### Responses

#### 200

Successful operation

post/volume\_groups/{uuid}/attach

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups/{uuid}/attach

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid}/attach \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "index": 0,
"logical_timestamp": 0, "operation": "ATTACH", "uuid": "string", "vm_logical_timestamp": 0, "vm_uuid": "string" }'
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
  • "task_uuid": "string"
}`
```

## Clone a new Volume Group

### path Parameters

||| |---| --- || uuid required | string UUID of the source Volume Group |

### Request Body schema: application/json required

Clone a Volume Group

||| |---| --- || created\_by | string || enabled\_authentications | Array of objects (create.dto.acropolis.volumeGroups.ClientAuthenticationDTO) || iscsi\_target | string || iscsi\_target\_prefix | string || load\_balance\_vm\_attachments | boolean || logical\_timestamp | integer || name | string || source\_volume\_group\_uuid | string || uuid | string |

### Responses

#### 200

Successful operation

post/volume\_groups/{uuid}/clone

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups/{uuid}/clone

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid}/clone \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "created_by": "string",
"enabled_authentications": [ { "auth_type": "CHAP", "password": "string" } ], "iscsi_target": "string",
"iscsi_target_prefix": "string", "load_balance_vm_attachments": true, "logical_timestamp": 0, "name": "string",
"source_volume_group_uuid": "string", "uuid": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

## Close Volume Group for iSCSI initiators

### path Parameters

||| --- | --- || uuid required | string UUID of the Volume Group |

### Request Body schema: application/json required

Volume Group detach configuration

|||| --- | --- || iscsi\_client | object (create.dto.acropolis.volumegroups.IscsiClientDTO) | | iscsi\_client\_ip | string | | iscsi\_initiator | string | | logical\_timestamp | integer | | operation | string Enum: "ATTACH" "DETACH" | | uuid | string |

## Responses

200

Successful operation

post/volume\_groups/{uuid}/close

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups/{uuid}/close

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy



```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid}/close \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "iscsi_client": {
"client_address": "string", "enabled_authentications": [ { "auth_type": "CHAP", "password": "string" } ], "uuid":
"string" }, "iscsi_client_ip": "string", "iscsi_initiator": "string", "logical_timestamp": 0, "operation": "ATTACH",
"uuid": "string" }'
```

## Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "value": true

```
`}
```

## Create a new Volume Group configuration

**Request Body schema: application/json required**

Create a Volume Group

||| --- | --- || attached\_clients | Array of objects (create.dto.acropolis.volumegroups.IscsiClientDTO) || created\_by | string || description | string || disk\_list | Array of objects (create.dto.acropolis.volumegroups.VolumeDiskCreateSpecDTO) || enabled\_authentications | Array of objects (create.dto.acropolis.volumegroups.ClientAuthenticationDTO) || flash\_mode\_enabled | boolean || is\_hidden | boolean || is\_shared | boolean || iscsi\_initiator\_name\_list | Array of strings || iscsi\_target | string || iscsi\_target\_prefix | string || load\_balance\_vm\_attachments | boolean || name | string || usage\_type | string Enum: "UNKNOWN" "USER" "INTERNAL" "TEMPORARY" "BACKUP\_TARGET" || uuid | string |

## Responses

200

Successful operation

post/volume\_groups

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups

## Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups \ --header 'Accept:
application/json' \ --header 'Content-Type: application/json' \ --data '{ "attached_clients": [ { "client_address":
"string", "enabled_authentications": [ { "auth_type": "CHAP", "password": "string" } ], "uuid": "string" } ],
"created_by": "string", "description": "string", "disk_list": [ { "clone_config": { "disk_address": { "device_bus":
"SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true, "ndfs_filepath":
"string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "minimum_size": 0, "snapshot_group_uuid": "string",
"storage_container_uuid": "string" }, "clone_spec": { "container_uuid": "string", "image_path": "string",
"minimum_size": 0, "minimum_size_mb": 0, "ndfs_filepath": "string", "snapshot_group_id": "string", "vm_disk_uuid":
"string", "vmdisk_uuid": "string" }, "create_config": { "size": 0, "storage_container_uuid": "string" }, "create_spec":
{ "container_id": 0, "container_name": "string", "container_uuid": "string", "size": 0, "size_mb": 0 }, "index": 0,
"volume_group_uuid": "string" } ], "enabled_authentications": [ { "auth_type": "CHAP", "password": "string" } ],
"flash_mode_enabled": true, "is_hidden": true, "is_shared": true, "iscsi_initiator_name_list": [ "string" ],
"iscsi_target": "string", "iscsi_target_prefix": "string", "load_balance_vm_attachments": true, "name": "string",
"usage_type": "UNKNOWN", "uuid": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

Create a Volume Disk

Creates a Volume Disk with specified configuration.

path Parameters

||| --- | --- || uuid required | string UUID of the Volume Group |

Request Body schema: application/json required

Create a Volume Disk

||| --- | --- || clone\_config | object (create.dto.uhura.VmDiskCloneDTO) || clone\_spec | object (create.dto.acropolis.VmDiskSpecCloneDTO) || create\_config | object (create.dto.uhura.VmDiskCreateDTO) || create\_spec | object (create.dto.acropolis.VmDiskSpecCreateDTO) || index | integer || volume\_group\_uuid | string |

Responses

200

Successful operation

post/volume\_groups/{uuid}/disks

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups/{uuid}/disks

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \
--url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid}/disks \
--header 'Accept: application/json' \
--header 'Content-Type: application/json' \
--data '{
  "clone_config": {
    "disk_address": {
      "device_bus": "SCSI",
      "device_index": 0,
      "device_uuid": "string",
      "disk_label": "string",
      "is_cdrom": true,
      "ndfs_filepath": "string",
      "vmdisk_uuid": "string",
      "volume_group_uuid": "string"
    },
    "minimum_size": 0,
    "snapshot_group_uuid": "string",
    "storage_container_uuid": "string"
  },
  "clone_spec": {
    "container_uuid": "string",
    "image_path": "string",
    "minimum_size": 0,
    "minimum_size_mb": 0,
    "ndfs_filepath": "string",
    "snapshot_group_id": "string",
    "vm_disk_uuid": "string",
    "vmdisk_uuid": "string"
  },
  "create_config": {
    "size": 0,
    "storage_container_uuid": "string"
  },
  "create_spec": {
    "container_id": 0,
    "container_name": "string",
    "container_uuid": "string",
    "size": 0,
    "size_mb": 0
  },
  "index": 0,
  "volume_group_uuid": "string"
}'
```

Response samples

- 200

Content type

application/json

Copy

```
`{  
  
  • "task_uuid": "string"  
  
}`
```

Delete a Volume Disk

Delete a Volume Disk with specified configuration.

path Parameters

||| | --- | --- || uuid required | string UUID of the Volume Group || index required | integer Volume Group index of the disk |

query Parameters

||| | --- | --- || logical\_timestamp | integer The logical timestamp |

Responses

200

Successful operation

delete/volume\_groups/{uuid}/disks/{index}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups/{uuid}/disks/{index}

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid}/disks/{index} \ --header 'Accept: application/json'  
 \ --header 'Content-Type: application/json' \  
```
```

Response samples

- 200

Content type

application/json

Copy

```
`{  
  
  • "task_uuid": "string"  
  
}`
```

Detach Volume Group to Virtual Machine.

path Parameters

||| | --- | --- || uuid required | string UUID of the Volume Group |

Request Body schema: application/json required

Virtual Machine detach configuration

||| |---| --- || index | integer || logical\_timestamp | integer || operation | string Enum: "ATTACH" "DETACH" || uuid | string || vm\_logical\_timestamp | integer || vm\_uuid | string |

Responses

200

Successful operation

post/volume\_groups/{uuid}/detach

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups/{uuid}/detach

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid}/detach \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "index": 0,
"logical_timestamp": 0, "operation": "ATTACH", "uuid": "string", "vm_logical_timestamp": 0, "vm_uuid": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

```
{
  "task_uuid": "string"
}
```

Get the health check summary for the Volume Groups.

query Parameters

||| |---| --- || filter\_criteria | string Filter criteria || detailed\_summary | boolean Detailed summary |

Responses

200

Successful operation

500

Any internal exception while performing this operation

get/volume\_groups/health\_check\_summary

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups/health\_check\_summary

Request samples

- cURL
- Wget
- Python
- Go
- Java

- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/health_check_summary \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "checks_in_error": {
  • "property1": {
    • "cluster_level": [
      • {
        • "entity_name": "string",
        • "entity_uuid": "string",
        • "message": "string"}],
      • "node_level": [
        • {
          • "entity_name": "string",
          • "entity_uuid": "string",
          • "message": "string"}]],
    • "property2": {
      • "cluster_level": [
        • {
          • "entity_name": "string",
          • "entity_uuid": "string",
          • "message": "string"}],
      • "node_level": [
        • {
          • "entity_name": "string",
          • "entity_uuid": "string",
          • "message": "string"}]],
    • "detailed_check_summary": {
    • "property1": {
      • "property1": 0,
      • "property2": 0},
    • "property2": {
      • "property1": 0,
      • "property2": 0}},
    • "entity_type": "PAGE",
    • "filter_criteria": "string",
    • "health_summary": {
    • "property1": 0,
    • "property2": 0}
  }`
```

### Get the stats for a specified VolumeGroup.

If start time and end time are included in the query string, then historical stats are retrieved. Otherwise, the latest stats are retrieved.

path Parameters

||| | --- | --- || uuid required | string Uuid of the VolumeGroup |

query Parameters

||| | --- | --- || metrics required | Array of strings List of metrics | | start\_time\_usecs | integer Start time in microseconds | | end\_time\_usecs | integer End time in microseconds | | interval\_in\_secs | integer Sampling interval of stats |

Responses

200

Successful operation

500

Any internal exception while performing this operation

get/volume\_groups/{uuid}/stats

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups/{uuid}/stats

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid}/stats \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
...
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "stats_specific_responses": [
    {
      "interval_in_secs": 0,
      "message": "string",
      "metric": "string",
      "start_time_in_usecs": 0,
      "successful": true,
      "values": [
        0
      ]
    }
  ]
}`
```

Modify an existing Volume Group configuration

path Parameters

||| | --- | --- || uuid required | string UUID of the Volume Group |

Request Body schema: application/json required

Update Volume Group

||| |---|---|| attached\_clients | Array of objects (update.dto.acropolis.volumegroups.IscsiClientDTO) || created\_by | string || description | string || enabled\_authentications | Array of objects (update.dto.acropolis.volumegroups.ClientAuthenticationDTO) || flash\_mode\_enabled | boolean || is\_hidden | boolean || is\_shared | boolean || iscsi\_initiator\_name\_list | Array of strings || iscsi\_target | string || iscsi\_target\_prefix | string || load\_balance\_vm\_attachments | boolean || logical\_timestamp | integer || name | string || usage\_type | string Enum: "UNKNOWN" "USER" "INTERNAL" "TEMPORARY" "BACKUP\_TARGET" || uuid | string |

Responses

200

Successful operation

put/volume\_groups/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups/{uuid}

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "attached_clients": [ { "client_address": "string", "enabled_authentications": [ { "auth_type": "CHAP", "password": "string" } ], "uuid": "string" } ], "created_by": "string", "description": "string", "enabled_authentications": [ { "auth_type": "CHAP", "password": "string" } ], "flash_mode_enabled": true, "is_hidden": true, "is_shared": true, "iscsi_initiator_name_list": [ "string" ], "iscsi_target": "string", "iscsi_target_prefix": "string", "load_balance_vm_attachments": true, "logical_timestamp": 0, "name": "string", "usage_type": "UNKNOWN", "uuid": "string" }'
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
{
  "attachment_list": [
    {
      "client_uuid": "string",
      "enabled_authentications": [
        {
          "auth_type": "CHAP",
          "password": "string"
        }
      ],
      "initiator_ip_address": "string",
      "iscsi_initiator_name": "string",
      "vm_uuid": "string"
    }
  ],
  "created_by": "string",
  "description": "string",
  "disk_list": [
    {
```

- "container\_id": 0,
- "container\_uuid": "string",
- "flash\_mode\_enabled": true,
- "index": 0,
- "storage\_container\_id": 0,
- "storage\_container\_uuid": "string",
- "vmdisk\_path": "string",
- "vmdisk\_size\_bytes": 0,
- "vmdisk\_size\_mb": 0,
- "vmdisk\_uuid": "string"]],
- "enabled\_authentications": [
- {
- "auth\_type": "CHAP",
- "password": "string"]],
- "flash\_mode\_enabled": true,
- "is\_deleted": true,
- "is\_hidden": true,
- "is\_shared": true,
- "iscsi\_target": "string",
- "last\_modified\_timestamp\_usecs": 0,
- "load\_balance\_vm\_attachments": true,
- "logical\_timestamp": 0,
- "name": "string",
- "usage\_type": "UNKNOWN",
- "uuid": "string"

}`

## Open Volume Group for iSCSI initiators

### path Parameters

||| --- | --- | | uuid required | string UUID of the Volume Group |

### Request Body schema: application/json required

Volume Group attach configuration

||| --- | --- | | iscsi\_client | object (create.dto.acropolis.volumegroups.IscsiClientDTO) | | iscsi\_client\_ip | string | | iscsi\_initiator | string | | logical\_timestamp | integer | | operation | string Enum: "ATTACH" "DETACH" | | uuid | string |

### Responses

#### 200

Successful operation

post/volume\_groups/{uuid}/open

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups/{uuid}/open

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request POST \
--url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid}/open \
--header 'Accept: application/json' \
--header 'Content-Type: application/json' \
--data '{ "iscsi_client": {
"client_address": "string", "enabled_authentications": [ { "auth_type": "CHAP", "password": "string" } ], "uuid":
"string" }, "iscsi_client_ip": "string", "iscsi_initiator": "string", "logical_timestamp": 0, "operation": "ATTACH",
```



```
"uuid": "string" }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
```

- "value": true

```
}
```

## Remove an existing Volume Group configuration

### path Parameters

||| |---|---|| uuid required | string UUID of the Volume Group |

### query Parameters

||| |---|---|| logical\_timestamp | integer The logical timestamp |

### Responses

#### 200

Successful operation

delete/volume\_groups/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups/{uuid}

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request DELETE \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

```
{
```

- "task\_uuid": "string"

```
}
```

## Retrieve Volume Group configuration

query Parameters

||| | --- | --- || include\_disk\_size | boolean Whether to include disk sizes, true by default || include\_disk\_path | boolean Whether to include disk paths, true by default |

Responses

200

Successful operation

get/volume\_groups

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "attachment_list": [
        {
          "client_uuid": "string",
          "enabled_authentications": [
            {
              "auth_type": "CHAP",
              "password": "string"}],
          "initiator_ip_address": "string",
          "iscsi_initiator_name": "string",
          "vm_uuid": "string"}],
      "created_by": "string",
      "description": "string",
      "disk_list": [
        {
          "container_id": 0,
          "container_uuid": "string",
          "flash_mode_enabled": true,
          "index": 0,
          "storage_container_id": 0,
          "storage_container_uuid": "string",
```

```

    • "vmdisk_path": "string",
    • "vmdisk_size_bytes": 0,
    • "vmdisk_size_mb": 0,
    • "vmdisk_uuid": "string"]],
  • "enabled_authentications": [
  • {
    • "auth_type": "CHAP",
    • "password": "string"]],
  • "flash_mode_enabled": true,
  • "is_deleted": true,
  • "is_hidden": true,
  • "is_shared": true,
  • "iscsi_target": "string",
  • "last_modified_timestamp_usecs": 0,
  • "load_balance_vm_attachments": true,
  • "logical_timestamp": 0,
  • "name": "string",
  • "usage_type": "UNKNOWN",
  • "uuid": "string"]],
  • "error_info": {
  • "count": 0,
  • "entity_list": [
    • "string"],
  • "message": "string"},
  • "metadata": {
  • "count": 0,
  • "end_index": 0,
  • "filter_criteria": "string",
  • "grand_total_entities": 0,
  • "next_cursor": "string",
  • "page": 0,
  • "previous_cursor": "string",
  • "search_string": "string",
  • "sort_criteria": "string",
  • "start_index": 0,
  • "total_entities": 0}
}
`

```

## Retrieve Volume Group configuration

### path Parameters

||| --- | --- || uuid required | string UUID of the Volume Group |

### query Parameters

||| --- | --- || include\_disk\_size | boolean Whether to include disk sizes | | include\_disk\_path | boolean Whether to include disk paths |

## Responses

### 200

Successful operation

get/volume\_groups/{uuid}

[https://any\\_cvm\\_ip:9440/PrismGateway/services/rest/v2.0/volume\\_groups/{uuid}](https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid})

### Request samples

- cURL
- Wget
- Python

- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  • "attachment_list": [
  • {
    • "client_uuid": "string",
    • "enabled_authentications": [
    • {
      • "auth_type": "CHAP",
      • "password": "string"}],
    • "initiator_ip_address": "string",
    • "iscsi_initiator_name": "string",
    • "vm_uuid": "string"}],
  • "created_by": "string",
  • "description": "string",
  • "disk_list": [
  • {
    • "container_id": 0,
    • "container_uuid": "string",
    • "flash_mode_enabled": true,
    • "index": 0,
    • "storage_container_id": 0,
    • "storage_container_uuid": "string",
    • "vmdisk_path": "string",
    • "vmdisk_size_bytes": 0,
    • "vmdisk_size_mb": 0,
    • "vmdisk_uuid": "string"}],
  • "enabled_authentications": [
  • {
    • "auth_type": "CHAP",
    • "password": "string"}],
  • "flash_mode_enabled": true,
  • "is_deleted": true,
  • "is_hidden": true,
  • "is_shared": true,
  • "iscsi_target": "string",
  • "last_modified_timestamp_usecs": 0,
  • "load_balance_vm_attachments": true,
  • "logical_timestamp": 0,
  • "name": "string",
  • "usage_type": "UNKNOWN",
  • "uuid": "string"
```

```
}
```

## Updates a Volume Disk

Updates a Volume Disk with specified configuration.

### path Parameters

||| --- | --- || uuid required | string UUID of the Volume Group |

### Request Body schema: application/json required

Update a Volume Disk

||| --- | --- || clone | object (update.dto.uhura.VmDiskCloneDTO) || clone\_spec | object (update.dto.acropolis.VMDiskSpecCloneDTO) || flash\_mode\_enabled | boolean || index | integer || upgrade\_spec | object (update.dto.acropolis.volumegroups.VolumeDiskUpdateDTO\_UpgradeSpec) || volume\_group\_uuid | string |

### Responses

#### 200

Successful operation

put/volume\_groups/{uuid}/disks

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/volume\_groups/{uuid}/disks

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/volume_groups/{uuid}/disks \
--header 'Accept: application/json' \ --header 'Content-Type: application/json' \ --data '{ "clone": { "disk_address":
{ "device_bus": "SCSI", "device_index": 0, "device_uuid": "string", "disk_label": "string", "is_cdrom": true,
"ndfs_filepath": "string", "vmdisk_uuid": "string", "volume_group_uuid": "string" }, "minimum_size": 0,
"snapshot_group_uuid": "string", "storage_container_uuid": "string" }, "clone_spec": { "container_uuid": "string",
"image_path": "string", "minimum_size": 0, "minimum_size_mb": 0, "ndfs_filepath": "string", "snapshot_group_id":
"string", "vm_disk_uuid": "string", "vmdisk_uuid": "string" }, "flash_mode_enabled": true, "index": 0, "upgrade_spec":
{ "container_uuid": "string", "preserve_data": true, "size": 0, "size_mb": 0, "storage_container_uuid": "string" },
"volume_group_uuid": "string" }'
```

### Response samples

- 200

Content type

application/json

Copy

```
{
  "container_id": 0,
  "container_uuid": "string",
  "flash_mode_enabled": true,
  "index": 0,
  "storage_container_id": 0,
  "storage_container_uuid": "string",
  "vmdisk_path": "string",
  "vmdisk_size_bytes": 0,
  "vmdisk_size_mb": 0,
```

- "vmdisk\_uuid": "string"

```
}`
```

## /vstores

### Get a VStore.

Get a VStore with the specified uuid.

#### path Parameters

| | | | --- | --- | | uuid required | string Uuid of the VStore |

#### Responses

##### 200

Successful operation

get/vstores/{uuid}

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vstores/{uuid}

#### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vstores/{uuid} \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

#### Response samples

- 200

Content type

application/json

Copy

```
{`
```

- "backedup": true,
- "container\_id": 0,
- "container\_uuid": "string",
- "id": 0,
- "is\_backup": true,
- "marked\_for\_removal": true,
- "name": "string",
- "protection\_domain": "string",
- "storage\_container\_id": 0,
- "storage\_container\_uuid": "string",
- "uuid": "string",
- "vm\_level\_consistent": true

```
}`
```

### Get the list of VStores.

Get the list of VStores configured in the cluster.

query Parameters

||| --- | --- || uuids | Array of strings VStore uuids || names | Array of strings VStore names || include\_deleted | boolean Include deleted |

Responses

200

Successful operation

get/vstores

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vstores

Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request GET \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vstores \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

Response samples

- 200

Content type

application/json

Copy

Expand all Collapse all

```
`{
  "entities": [
    {
      "backedup": true,
      "container_id": 0,
      "container_uuid": "string",
      "id": 0,
      "is_backup": true,
      "marked_for_removal": true,
      "name": "string",
      "protection_domain": "string",
      "storage_container_id": 0,
      "storage_container_uuid": "string",
      "uuid": "string",
      "vm_level_consistent": true}],
    "error_info": {
      "count": 0,
      "entity_list": [
        "string"],
      "message": "string"},
    "metadata": {
      "count": 0,
```

- "end\_index": 0,
- "filter\_criteria": "string",
- "grand\_total\_entities": 0,
- "next\_cursor": "string",
- "page": 0,
- "previous\_cursor": "string",
- "search\_string": "string",
- "sort\_criteria": "string",
- "start\_index": 0,
- "total\_entities": 0}

```
}`
```

## Protect a VStore.

Protect a VStore with the specified id.

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of the VStore |

### query Parameters

| | | | --- | --- | | vm\_level\_consistency | boolean Create vm level consistent snapshots for the vStore |

## Responses

### 200

Successful operation

post/vstores/{uuid}/protect

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vstores/{uuid}/protect

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vstores/{uuid}/protect \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```

```
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
```

- "backedup": true,
- "container\_id": 0,
- "container\_uuid": "string",
- "id": 0,
- "is\_backup": true,



```
• "marked_for_removal": true,
• "name": "string",
• "protection_domain": "string",
• "storage_container_id": 0,
• "storage_container_uuid": "string",
• "uuid": "string",
• "vm_level_consistent": true

}`
```

## Protect a VStore.

Protect a VStore with the specified uuid.

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of the VStore |

### query Parameters

| | | | --- | --- | | vm\_level\_consistency required | boolean Create vm level consistent snapshots for the vStore |

## Responses

### 200

Successful operation

put/vstores/{uuid}/update\_protection\_mode

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vstores/{uuid}/update\_protection\_mode

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request PUT \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vstores/{uuid}/update_protection_mode \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
• "backedup": true,
• "container_id": 0,
• "container_uuid": "string",
• "id": 0,
• "is_backup": true,
• "marked_for_removal": true,
• "name": "string",
• "protection_domain": "string",
```

```
• "storage_container_id": 0,
• "storage_container_uuid": "string",
• "uuid": "string",
• "vm_level_consistent": true

}`
```

## Unprotect a VStore.

Unprotect a VStore with the specified id.

### path Parameters

| | | | --- | --- | | uuid required | string Uuid of the VStore |

### Responses

#### 200

Successful operation

post/vstores/{uuid}/unprotect

https://any\_cvm\_ip:9440/PrismGateway/services/rest/v2.0/vstores/{uuid}/unprotect

### Request samples

- cURL
- Wget
- Python
- Go
- Java
- JavaScript

Copy

```
``` curl --request POST \ --url https://any_cvm_ip:9440/PrismGateway/services/rest/v2.0/vstores/{uuid}/unprotect \ --header 'Accept: application/json' \ --header 'Content-Type: application/json' \
```
```

### Response samples

- 200

Content type

application/json

Copy

```
`{
• "backedup": true,
• "container_id": 0,
• "container_uuid": "string",
• "id": 0,
• "is_backup": true,
• "marked_for_removal": true,
• "name": "string",
• "protection_domain": "string",
• "storage_container_id": 0,
• "storage_container_uuid": "string",
• "uuid": "string",
• "vm_level_consistent": true

}`
```