NetApp

Manage the BlueXP cloud service

REST API reference

NetApp
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Overview

You can use this API to ping the BlueXP cloud service. The POST operation retrieves the details about service reachability, configurability, and ping latency.

Performing a ping operation

You can perform a ping operation by issuing a POST request on /cluster/mediator-ping. Parameters are provided in the body of the POST request. There is only one required parameter.

Required configuration fields

These fields are always required for any POST /cluster/mediator-ping request.

- `type` - Specifies the type of the mediator.

Examples

POST request body for a ping to the BlueXP cloud service.

```
# API
/api/cluster/mediator-ping
```

POST request body from a file

```
ping_post_body.txt:
{
"type": "cloud"
}
curl -X POST https://<mgmt-ip>/api/cluster/mediator-ping -d
"@ping_post_body.txt"
```

Inline POST request body

```
curl -X POST https://<mgmt-ip>/api/cluster/mediator-ping -d
'{"type":"cloud"}'
```

POST request response

```
HTTP/1.1 200 OK
Cache-Control: no-cache,no-store,must-revalidate
Connection: close
Date: Mon, 03 Mar 2025 16:40:20 GMT
Server: libzapid-httpd
Vary: Accept-Encoding,Origin
Content-Length: 69
Content-Type: application/hal+json
Client-Date: Mon, 03 Mar 2025 16:40:20 GMT
Client-Peer: 10.235.144.44:80
Client-Response-Num: 1
Content-Security-Policy: default-src 'self'; script-src 'self' 'unsafe-
inline'; style-src 'self' 'unsafe-inline'; img-src 'self' data:; frame-
ancestors: 'self'
X-Content-Type-Options: nosniff
{
"reachable": true,
"latency_ms": 50,
"configurable": true,
"high_latency": false,
"proxy_configured": true,
"proxy_used": true,
"timeout_occurred": false
}
```

Ping the BlueXP cloud service

POST `/cluster/mediator-ping`

Introduced In: 9.17

Pings BlueXP cloud service.

Parameters

Name	Type	In	Required	Description
return_records	boolean	query	False	The default is false. If set to true, the records are returned. • Default value:

Request Body

Name	Type	Description
configurable	boolean	Indicates if the BlueXP cloud mediator is configurable. This depends on whether the ping latency is within a threshold.
high_latency	boolean	Indicates if the ping latency of the BlueXP cloud server is greater than a threshold.
latency_ms	integer	Ping latency in milliseconds.
proxy_configured	boolean	Indicates if the HTTP proxy is configured on the cluster for the REST API calls to the BlueXP cloud server.
proxy_used	boolean	Indicates if the HTTP proxy is used for the ping to the BlueXP cloud server.
reachable	boolean	Ping status of the BlueXP cloud service.
timeout_occurred	boolean	Indicates if the ping to the BlueXP cloud server failed due to a timeout.
type	string	Mediator type.

Example request

```
{
  "configurable": 1,
  "high_latency": "",
  "latency_ms": 150,
  "proxy_configured": 1,
  "proxy_used": 1,
  "reachable": 1,
  "timeout_occurred": "",
  "type": "string"
}
```

Response

```
Status: 200, Ok
```

Name	Type	Description
configurable	boolean	Indicates if the BlueXP cloud mediator is configurable. This depends on whether the ping latency is within a threshold.
high_latency	boolean	Indicates if the ping latency of the BlueXP cloud server is greater than a threshold.
latency_ms	integer	Ping latency in milliseconds.
proxy_configured	boolean	Indicates if the HTTP proxy is configured on the cluster for the REST API calls to the BlueXP cloud server.
proxy_used	boolean	Indicates if the HTTP proxy is used for the ping to the BlueXP cloud server.
reachable	boolean	Ping status of the BlueXP cloud service.
timeout_occurred	boolean	Indicates if the ping to the BlueXP cloud server failed due to a timeout.
type	string	Mediator type.

Example response

```
{
  "configurable": 1,
  "high_latency": "",
  "latency_ms": 150,
  "proxy_configured": 1,
  "proxy_used": 1,
  "reachable": 1,
  "timeout_occurred": "",
  "type": "string"
}
```

Error

```
Status: Default
```

ONTAP Error Response codes

Error code	Description
13369414	Failed to talk to the BlueXP cloud service. Check the need for an HTTP proxy and network settings like firewall.
13369417	Failed to check if an HTTP proxy is configured on the cluster.

Name	Type	Description
configurable	boolean	Indicates if the BlueXP cloud mediator is configurable. This depends on whether the ping latency is within a threshold.
error	error	
reachable	boolean	Ping status of the BlueXP cloud service.

Example error

```
{
  "configurable": "",
  "error": {
    "message": "string"
  },
  "reachable": ""
}
```

Definitions

See Definitions

mediator_ping

BlueXP cloud service ping API.

Name	Type	Description
configurable	boolean	Indicates if the BlueXP cloud mediator is configurable. This depends on whether the ping latency is within a threshold.
high_latency	boolean	Indicates if the ping latency of the BlueXP cloud server is greater than a threshold.
latency_ms	integer	Ping latency in milliseconds.
proxy_configured	boolean	Indicates if the HTTP proxy is configured on the cluster for the REST API calls to the BlueXP cloud server.
proxy_used	boolean	Indicates if the HTTP proxy is used for the ping to the BlueXP cloud server.
reachable	boolean	Ping status of the BlueXP cloud service.
timeout_occurred	boolean	Indicates if the ping to the BlueXP cloud server failed due to a timeout.
type	string	Mediator type.

error

Name	Type	Description
code	integer	Error code.
message	string	Error message string.

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