TestConnectSvip

Element Software

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April 19, 2021

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TestConnectSvip

You can use the `TestConnectSvip` method to test the storage connection to the storage cluster. The test pings the SVIP using ICMP packets, and when successful, connects as an iSCSI initiator.

Parameter

This method has the following input parameter:

Name	Description	Type	Default value	Required
svip	You can pass this value to test the management connection of a different SVIP. You do not need to use this value when testing the connection to the target cluster.	string	None	No

Return value

This method has the following return value:

Name	Description	Type
details	Information about the test operation (JSON object): • `connected`: Indicates if the test could connect to the SVIP (boolean) • `svip`: The SVIP tested against (string) • `pingBytes`: Details of the ping tests with 56 bytes and 9000 bytes (object) ◦ `56`: Results of the 56 byte ping test (JSON object): ▪ `individualResponseTimes`: List of response times from each ensemble node (string array) ▪ `individualStatus`: List of ping status from each ensemble node (boolean array) ▪ `responseTime`: Average ping response time (string) ▪ `successful`: Indicates if the ping test was successful (boolean) ◦ `9000`: Results of the 9000 Byte ping test (JSON object): ▪ `individualResponseTimes`: List of response times from each ensemble node (string array) ▪ `individualStatus`: List of ping status from each ensemble node (boolean array) ▪ `responseTime`: Average ping response time (string) ▪ `successful`: Indicates if the ping test was successful (boolean) `duration`: Length of time required to run the test (string)	string

Request example

Requests for this method are similar to the following example:

```
{
   "method": "TestConnectSvip",
   "params": {
      "svip" : "172.27.62.50"
      },
   "id" : 1
}
```

Response example

This method returns a response similar to the following example:

```
{
  "id": 1,
  "result": {
    "details": {
      "connected": true,
      "pingBytes": {
           "56": {
               "individualResponseTimes": [
                   "00:00:00.000152",
                   "00:00:00.000132",
                   "00:00:00.000119",
                   "00:00:00.000114",
                   "00:00:00.000112"
              ],
              "individualStatus": [
                  true,
                  true,
                  true,
                  true,
                  true
              ],
              "responseTime": "00:00:00.000126",
              "successful": true
           },
          "9000": {
                "individualResponseTimes": [
                    "00:00:00.000295",
                    "00:00:00.000257",
                    "00:00:00.000172",
```

- `result`: Result of the test as a whole (string)

```
                    "00:00:00.000172",
                    "00:00:00.000267"
                ],
                "individualStatus": [
                    true,
                    true,
                    true,
                    true,
                    true
                ],
                "responseTime": "00:00:00.000233",
                "successful": true
            }
          },
          "svip": "172.27.62.50"
        },
        "duration": "00:00:00.421907",
        "result": "Passed"
    }
}
```


New since version

9.6