



ListNetworkInterfaces

Element Software

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ListNetworkInterfaces

You can use the `ListNetworkInterfaces` method to list information about each network interface on a node. This API method is intended for use on individual nodes; user ID and password authentication is required for access to individual nodes. However, you can use this method on the cluster if the parameter `force` is given the value `true` in the method call. When the parameter is used on the cluster, all interfaces are listed.



SolidFire Enterprise SDS does not support this method. If you use this method on a SolidFire eSDS system, the method will return an error.

Parameter

This method has the following input parameter:

Name	Description	Type	Default value	Required
<code>force</code>	Possible values: <ul style="list-style-type: none"><code>true</code>: Information about all network interfaces in the cluster is returned.<code>false</code>: No information is returned.	boolean	None	No

Return value

This method has the following return value:

Name	Description	Type
<code>interfaces</code>	A list of configuration information for each network interface of the storage node (or entire storage cluster, if <code>force = true</code>).	<code>networkInterface</code> array

Request example

Requests for this method are similar to the following example:

```
{
  "method": "ListNetworkInterfaces",
  "params": {},
  "id" : 1
}
```

Response example

This method returns a response similar to the following example:

```
{
  "id": 1,
  "result": {
    "nodes": [
      {
        "nodeID": 1,
        "result": {
          "interfaces": [
            {
              "address": "10.117.80.32",
              "addressV6": "::",
              "broadcast": "10.117.95.255",
              "macAddress": "90:b1:1c:42:e0:1a",
              "mtu": 9000,
              "name": "Bond10G",
              "namespace": false,
              "netmask": "255.255.240.0",
              "status": "UpAndRunning",
              "type": "BondMaster",
              "virtualNetworkTag": 0
            },
            {
              "address": "10.117.64.32",
              "addressV6": "::",
              "broadcast": "10.117.79.255",
              "macAddress": "90:b1:1c:42:e0:1e",
              "mtu": 1500,
              "name": "Bond1G",
              "namespace": false,
              "netmask": "255.255.240.0",
              "status": "UpAndRunning",
              "type": "BondMaster",
              "virtualNetworkTag": 0
            }
          ]
        }
      }
    ]
  }
}
```

```
{
  "address": "0.0.0.0",
  "addressV6": "::",
  "broadcast": "0.0.0.0",
  "macAddress": "90:b1:1c:42:e0:1a",
  "mtu": 9000,
  "name": "eth0",
  "namespace": false,
  "netmask": "0.0.0.0",
  "status": "UpAndRunning",
  "type": "BondSlave",
  "virtualNetworkTag": 0
},
{
  "address": "127.0.0.1",
  "addressV6": "::",
  "broadcast": "0.0.0.0",
  "macAddress": "00:00:00:00:00:00",
  "mtu": 0,
  "name": "lo",
  "namespace": false,
  "netmask": "0.0.0.0",
  "status": "UpAndRunning",
  "type": "Loopback",
  "virtualNetworkTag": 0
}
]
}
]
}
}
```

New since version

9.6

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