



View NFS client information

ONTAP 9.15.1 REST API reference

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View NFS client information

Protocols NFS connected-client-maps endpoint overview

Overview

ONTAP connected clients map functionality is mainly used by the System Manager to display client information.

The following are details of the fields retrieved for the Connected Clients MAP GET API:

node.name: Node name hosting this record, essentially the node hosting the "server_ip". node.uuid: Node UUID hosting this record, essentially the node hosting the "server_ip". svm.name: SVM name to which the "server_ip" belongs to. svm.uuid: SVM UUID to which the "server_ip" belongs to. server_ip: All clients that are connected to this interface are displayed in rows. client_ips: List of client IP addresses connected to the interface.

Example

Retrieving connected client Map information

```

# The API:
GET /protocols/nfs/connected-client-maps

# The call:
curl -X GET "https://<cluster-mgmt-ip>/api/protocols/nfs/connected-client-
maps?return_timeout=15&return_records=true" -H "accept: application/json"

# The response:
{
  "records": [
    {
      "svm": {
        "uuid": "c642db55-b8d0-11e9-9ad1-0050568e8480",
        "name": "vs1"
      },
      "node": {
        "uuid": "cc282893-b82f-11e9-a3ad-0050568e8480",
        "name": "vsim1"
      },
      "server_ip": "10.140.72.214",
      "client_ips": [
        "127.0.0.1"
      ]
    }
  ],
  "num_records": 1
}

```

Retrieve NFS client information

GET /protocols/nfs/connected-client-maps

Introduced In: 9.11

Retrieves NFS clients information.

Parameters

| Name | Type | In | Required | Description |
|-----------|--------|-------|----------|---------------------|
| server_ip | string | query | False | Filter by server_ip |
| svm.uuid | string | query | False | Filter by svm.uuid |
| svm.name | string | query | False | Filter by svm.name |

| Name | Type | In | Required | Description |
|----------------|---------------|-------|----------|--|
| client_ips | string | query | False | Filter by client_ips |
| node.uuid | string | query | False | Filter by node.uuid |
| node.name | string | query | False | Filter by node.name |
| fields | array[string] | query | False | Specify the fields to return. |
| max_records | integer | query | False | Limit the number of records returned. |
| return_timeout | integer | query | False | <p>The number of seconds to allow the call to execute before returning. When iterating over a collection, the default is 15 seconds. ONTAP returns earlier if either max records or the end of the collection is reached.</p> <ul style="list-style-type: none"> • Default value: 1 • Max value: 120 • Min value: 0 |
| return_records | boolean | query | False | <p>The default is true for GET calls. When set to false, only the number of records is returned.</p> <ul style="list-style-type: none"> • Default value: 1 |
| order_by | array[string] | query | False | Order results by specified fields and optional [asc |

Response

Status: 200, Ok

| Name | Type | Description |
|-------------|--|-------------------|
| _links | _links | |
| num_records | integer | Number of records |
| records | array[nfs_clients_map] | |

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "client_ips": [
        "127.0.0.1"
      ],
      "node": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "node1",
        "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
      },
      "server_ip": "string",
      "svm": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      }
    }
  ]
}
```

Error

Status: Default, Error

| Name | Type | Description |
|-------|--------------------------------|-------------|
| error | returned_error | |

Example error

```
{
  "error": {
    "arguments": [
      {
        "code": "string",
        "message": "string"
      }
    ],
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```

Definitions

See Definitions

href

| Name | Type | Description |
|------|--------|-------------|
| href | string | |

_links

| Name | Type | Description |
|------|----------------------|-------------|
| next | href | |
| self | href | |

_links

| Name | Type | Description |
|------|----------------------|-------------|
| self | href | |

node

| Name | Type | Description |
|--------|------------------------|-------------|
| _links | _links | |
| name | string | |
| uuid | string | |

svm

SVM, applies only to SVM-scoped objects.

| Name | Type | Description |
|--------|------------------------|---|
| _links | _links | |
| name | string | The name of the SVM. This field cannot be specified in a PATCH method. |
| uuid | string | The unique identifier of the SVM. This field cannot be specified in a PATCH method. |

nfs_clients_map

| Name | Type | Description |
|--------|------------------------|-------------|
| _links | _links | |

| Name | Type | Description |
|------------|----------------------|--|
| client_ips | array[string] | Specifies the IP address of the client. |
| node | node | |
| server_ip | string | Specifies the IP address of the server. |
| svm | svm | SVM, applies only to SVM-scoped objects. |

error_arguments

| Name | Type | Description |
|---------|--------|------------------|
| code | string | Argument code |
| message | string | Message argument |

returned_error

| Name | Type | Description |
|-----------|--|---|
| arguments | array[error_arguments] | Message arguments |
| code | string | Error code |
| message | string | Error message |
| target | string | The target parameter that caused the error. |

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