



View CIFS connection information

ONTAP 9.11.1 REST API reference

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View CIFS connection information

Protocols CIFS connections endpoint overview

Overview

ONTAP CIFS connections show functionality is used to display currently established CIFS connections.

Information on the CIFS connection

- Retrieve the list of the established CIFS connections

Example

Retrieving established connection information

To retrieve the list of CIFS connections, use the following API.

```
# The API:
GET /protocols/cifs/conections

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

# The response:
{
  "records": [
    {
      "node": {
        "uuid": "85d46998-4e5d-11ea-afb1-0050568ec4e4",
        "name": "ganeshkr-vs1m1"
      },
      "svm": {
        "uuid": "fc824aa8-4e60-11ea-afb1-0050568ec4e4",
        "name": "vs1"
      },
      "sessions": [
        {
          identifier: 625718873227788312
        }
      ],
      "identifier": 91842,
      "server_ip": "10.140.70.197",
```

```

    "client_ip": "10.74.7.182",
    "client_port": 12345,
    "network_context_id": 3
  },
  {
    "node": {
      "uuid": "85d46998-4e5d-11ea-afb1-0050568ec4e4",
      "name": "ganeshkr-vs1m1"
    },
    "svm": {
      "uuid": "fc824aa8-4e60-11ea-afb1-0050568ec4e4",
      "name": "vs1"
    },
    "sessions": [
      {
        identifier: 625718873227788579
      },
      {
        identifier: 625718873227788577
      }
    ],
    "identifier": 92080,
    "server_ip": "10.140.70.197",
    "client_ip": "10.140.133.97",
    "client_port": 23413,
    "network_context_id": 5
  }
],
"num_records": 2
}

```

Retrieve the CIFS connection information for all SVMs

GET /protocols/cifs/connections

Introduced In: 9.11

Retrieves the CIFS connection information for all SVMs.

Related ONTAP commands

- `vserver cifs connection show`

Learn more

- [DOC /protocols/cifs/connections](#)

Parameters

| Name | Type | In | Required | Description |
|---------------------|---------------|-------|----------|---------------------------------------|
| svm.uuid | string | query | False | Filter by svm.uuid |
| svm.name | string | query | False | Filter by svm.name |
| server_ip | string | query | False | Filter by server_ip |
| network_context_id | integer | query | False | Filter by network_context_id |
| identifier | integer | query | False | Filter by identifier |
| client_ip | string | query | False | Filter by client_ip |
| client_port | integer | query | False | Filter by client_port |
| node.uuid | string | query | False | Filter by node.uuid |
| node.name | string | query | False | Filter by node.name |
| sessions.identifier | integer | query | False | Filter by sessions.identifier |
| fields | array[string] | query | False | Specify the fields to return. |
| max_records | integer | query | False | Limit the number of records returned. |

| Name | Type | In | Required | Description |
|----------------|---------------|-------|----------|--|
| 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[cifs_connection] | |

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": {
    "client_ip": "10.74.7.182",
    "client_port": 12345,
    "identifier": 22802,
    "network_context_id": 22802,
    "node": {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "node1",
      "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
    },
    "server_ip": "10.140.78.248",
    "sessions": {
      "identifier": 4622663542519103507
    },
    "svm": {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "svm1",
      "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
    }
  }
}
```

Error

Status: Default, Error

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

sessions

| Name | Type | Description |
|------------|---------|--|
| identifier | integer | A unique 64-bit unsigned number represented as string used to represent each SMB session's identifier. |

svm

| Name | Type | Description |
|--------|------------------------|-----------------------------------|
| _links | _links | |
| name | string | The name of the SVM. |
| uuid | string | The unique identifier of the SVM. |

cifs_connection

| Name | Type | Description |
|--------------------|-----------------------------------|--|
| client_ip | string | Specifies IP of the client. |
| client_port | integer | "A unique 32-bit unsigned number used to represent the port number of the connection". |
| identifier | integer | A unique 32-bit unsigned number used to represent each SMB session's connection ID. |
| network_context_id | integer | A unique 32-bit unsigned number used to represent each SMB session's network context ID. |
| node | node | |
| server_ip | string | Specifies the IP address of the SVM. |
| sessions | array[sessions] | |
| svm | svm | |

error_arguments

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

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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