



View CIFS connection information

ONTAP 9.15.1 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-vs1"
    },
    "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
client_ip	string	query	False	Filter by client_ip
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
identifier	integer	query	False	Filter by identifier
network_context_id	integer	query	False	Filter by network_context_id
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	<p>Order results by specified fields and optional [asc</p>

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"
    }
  },
  "num_records": 1,
  "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	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	

sessions

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

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.

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

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	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

Name	Type	Description
message	string	Error message
target	string	The target parameter that caused the error.

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