



## **View CIFS connection information**

### REST API reference

NetApp

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# View CIFS connection information

## View CIFS connection information

### 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/connections  
  
# 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": "example_node_name"  
      },  
      "svm": {  
        "uuid": "fc824aa8-4e60-11ea-afb1-0050568ec4e4",  
        "name": "vs1"  
      },  
      "sessions": [  
        {  
          "identifier": 625718873227788312  
        }  
      ],  
      "identifier": 91842,  
      "server_ip": "10.140.70.197",  
      "server_name": "ONTAP Cluster Management IP"  
    }  
  ]  
}
```

```

"client_ip": "10.74.7.182",
"client_port": 12345,
"network_context_id": 3
},
{
  "node": {
    "uuid": "85d46998-4e5d-11ea-afb1-0050568ec4e4",
    "name": "example_node_name"
  },
  "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
sessions.identifier	integer	query	False	Filter by sessions.identifier
svm.name	string	query	False	Filter by svm.name
svm.uuid	string	query	False	Filter by svm.uuid
server_ip	string	query	False	Filter by server_ip
node.name	string	query	False	Filter by node.name
node.uuid	string	query	False	Filter by node.uuid
identifier	integer	query	False	Filter by identifier
network_context_id	integer	query	False	Filter by network_context_id
client_ip	string	query	False	Filter by client_ip
client_port	integer	query	False	Filter by client_port
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"> <li>• Default value: 15</li> <li>• Max value: 120</li> <li>• Min value: 0</li> </ul>
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"> <li>• Default value: 1</li> </ul>
order_by	array[string]	query	False	Order results by specified fields and optional [asc]

## Response

Status: 200, Ok

Name	Type	Description
_links	<a href="#">_links</a>	
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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