Manage local group members

REST API reference

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Manage local group members

Manage local group members

Overview

You can use this API to display local group members and to add or delete local users, Active Directory users and/or Active Directory groups to a local group of an SVM.

Examples

Retrieving the members of a specific local group

```
# The API:
/api/protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/cifs/local-groups/2ebec9c7-
28be-11eb-95f4-0050568ed0a2/S-1-5-21-256008430-3394229847-3930036330-
1257/members" -H "accept: application/json"

# The response:
{
"records": [
  {
    "name": "CIFS_SERVER1\\user1"
  },
  {
    "name": "CIFS_SERVER1\\user2"
  }
],
"num_records": 2
}
```

Adding members to a local group

The local group members POST endpoint adds local users, Active Directory users and/or Active Directory groups to the specified local group and the SVM.

Adding local users to a group

```
# The API:
/api/protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members

# The call:
curl -X POST "https://<mgmt-ip>/api/protocols/cifs/local-groups/179d3c85-
7053-11e8-b9b8-005056b41bd1/S-1-5-21-256008430-3394229847-3930036330-
1001/members" -H "accept: application/json" -H "Content-Type:
application/json" -d '{ "records": [ { "name": "user1" }, { "name":
"user2"} ] }'
```

Deleting local users from the local group of a specific SVM

Example

Delete the local users 'user1' and 'user2' from the specified local group

```
# The API:
/api/protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members

# The call:
curl -X DELETE "https://<mgmt-ip>/api/protocols/cifs/local-
groups/179d3c85-7053-11e8-b9b8-005056b41bd1/S-1-5-21-256008430-3394229847-
3930036330-1001/members" -H "accept: application/json" -d '{ "records": [
{ "name": "user1"}, { "name": "user2"} ] }'
```

Delete local users or Active Directory users and groups from a local group and SVM

DELETE `/protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members`

Introduced In: 9.10

Deletes the local users, Active Directory users and/or Active Directory groups from the specified local group and SVM.

Related ONTAP commands

- `vserver cifs users-and-groups local-group remove-members`

Learn more

- DOC /protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members

Parameters

Name	Type	In	Required	Description
local_cifs_group.sid	string	path	True	Local group SID
return_records	boolean	query	False	The default is false. If set to true, the records are returned. • Default value:
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.

Request Body

Name	Type	Description
local_cifs_group	local_cifs_group	
name	string	Local user, Active Directory user, or Active Directory group which is a member of the specified local group.
records	array[records]	An array of local users, Active Directory users, and Active Directory groups specified to add or delete multiple members to or from a local group in a single API call. Not allowed when the `name` property is used.
svm	svm	SVM, applies only to SVM-scoped objects.

Example request


```
{
  "local_cifs_group": {
    "sid": "S-1-5-21-256008430-3394229847-3930036330-1001"
  },
  "name": "string",
  "records": [
    {
      "name": "string"
    }
  ],
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```


Response

```
Status: 200, Ok
```

Error

```
Status: Default, Error ontap error response codes | error code |
description | | ---------- | ---------- | | 655673     | failed to
resolve the member to be deleted from the specified group. | | 655719
| failed to delete a member from the specified group. the error code
returned details the failure along with the reason for the failure. take
corrective actions as per the specified reason. | | 655742     | records
must not be specified when member name is specified. | | 655743     | svm
uuid and cifs local group sid are invalid fields for the "records"
parameter. |
```

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

local_cifs_group

Name	Type	Description
sid	string	The security ID of the local group which uniquely identifies the group. The group SID is automatically generated in POST and it is retrieved using the GET method.

records

Name	Type	Description
name	string	Local user, Active Directory user, or Active Directory group which is a member of the specified local group.

href

Name	Type	Description
href	string	

_links

Name	Type	Description
self	href	

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.

local_cifs_group_members

Name	Type	Description
local_cifs_group	local_cifs_group	
name	string	Local user, Active Directory user, or Active Directory group which is a member of the specified local group.
records	array[records]	An array of local users, Active Directory users, and Active Directory groups specified to add or delete multiple members to or from a local group in a single API call. Not allowed when the `name` property is used.
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.

Retrieve local users and Active Directory users and groups that belong to a local group and SVM

GET `/protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members`

Introduced In: 9.10

Retrieves local users, Active Directory users and Active Directory groups which are members of the specified local group and SVM.

Related ONTAP commands

- `vserver cifs users-and-groups local-group show-members`

Learn more

- DOC /protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members

Parameters

Name	Type	In	Required	Description
local_cifs_group.sid	string	path	True	Local group SID
max_records	integer	query	False	Limit the number of records returned.
return_records	boolean	query	False	The default is true for GET calls. When set to false, only the number of records is returned. • Default value: 1
return_timeout	integer	query	False	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. • Default value: 15 • Max value: 120 • Min value: 0
order_by	array[string]	query	False	Order results by specified fields and optional [asc

Name	Type	In	Required	Description
desc] direction. Default direction is 'asc' for ascending.	svm.uuid	string	path	True
UUID of the SVM to which this object belongs.	fields	array[string]	query	False

Response

```
Status: 200, Ok
```

Name	Type	Description
_links	_links	
num_records	integer	Number of local group records.
records	array[local_cifs_group_members]	

Example response


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "local_cifs_group": {
        "sid": "S-1-5-21-256008430-3394229847-3930036330-1001"
      },
      "name": "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	

local_cifs_group

Name	Type	Description
sid	string	The security ID of the local group which uniquely identifies the group. The group SID is automatically generated in POST and it is retrieved using the GET method.

records

Name	Type	Description
name	string	Local user, Active Directory user, or Active Directory group which is a member of the specified local group.

_links

Name	Type	Description
self	href	

svm

SVM, applies only to SVM-scoped objects.

Name	Type	Description
_links	_links	

Name	Type	Description
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.

local_cifs_group_members

Name	Type	Description
local_cifs_group	local_cifs_group	
name	string	Local user, Active Directory user, or Active Directory group which is a member of the specified local group.
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.

Add local users and Active Directory users and groups to a local group and SVM

POST `/protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members`

Introduced In: 9.10

Adds local users, Active Directory users and Active Directory groups to the specified local group and SVM.

Important note

- Specified members are appended to the existing list of members.

Required properties

- `svm.uuid` or `svm.name` - Existing SVM for which members are added to local group.
- `local_cifs_group.sid` - Security ID of the local group to which members are added.
- `name` or `records` - Local users, Active Directory users, or Active Directory groups to be added to a particular local group.

Related ONTAP commands

- `vserver cifs users-and-groups local-group add-members`

Learn more

- DOC /protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members

Parameters

Name	Type	In	Required	Description
local_cifs_group.sid	string	path	True	Local group SID
return_records	boolean	query	False	The default is false. If set to true, the records are returned. • Default value:
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.

Request Body

Name	Type	Description
local_cifs_group	local_cifs_group	
name	string	Local user, Active Directory user, or Active Directory group which is a member of the specified local group.
records	array[records]	An array of local users, Active Directory users, and Active Directory groups specified to add or delete multiple members to or from a local group in a single API call. Not allowed when the `name` property is used.
svm	svm	SVM, applies only to SVM-scoped objects.

Example request

```
{
  "local_cifs_group": {
    "sid": "S-1-5-21-256008430-3394229847-3930036330-1001"
  },
  "name": "string",
  "records": [
    {
      "name": "string"
    }
  ],
  "svm": {
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

Response

```
Status: 201, Created
```

Headers

Name	Description	Type
Location	Useful for tracking the resource location	string

Error

```
Status: Default
```

ONTAP Error Response Codes

Error Code	Description
655673	Failed to resolve the member to be added to the specified group.
655718	Failed to add a member to the specified group. The error code returned details the failure along with the reason for the failure. Take corrective actions as per the specified reason.
655742	Records must not be specified when member name is specified.
655743	SVM UUID and CIFS local group SID are invalid fields for the "records" parameter.
655744	Either name or records must be specified.

Definitions

See Definitions

local_cifs_group

Name	Type	Description
sid	string	The security ID of the local group which uniquely identifies the group. The group SID is automatically generated in POST and it is retrieved using the GET method.

records

Name	Type	Description
name	string	Local user, Active Directory user, or Active Directory group which is a member of the specified local group.

href

Name	Type	Description
href	string	

_links

svm

SVM, applies only to SVM-scoped objects.

Name	Type	Description
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.

local_cifs_group_members

Name	Type	Description
local_cifs_group	local_cifs_group	

Name	Type	Description
name	string	Local user, Active Directory user, or Active Directory group which is a member of the specified local group.
records	array[records]	An array of local users, Active Directory users, and Active Directory groups specified to add or delete multiple members to or from a local group in a single API call. Not allowed when the `name` property is used.
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.

Delete a local user, or Active Directory user or group from a local group and SVM

DELETE `/protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members/{name}`

Introduced In: 9.10

Deletes the local user, Active Directory user and/or Active Directory group from the specified local group and SVM.

Related ONTAP commands

- `vserver cifs users-and-groups local-group remove-members`

Learn more

- DOC /protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members

Parameters

Name	Type	In	Required	Description
local_cifs_group.sid	string	path	True	Local group SID
name	string	path	True	Member name
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.

Response

```
Status: 200, Ok
```

Error

```
Status: Default, Error ontap error response codes | error code |
description | | ---------- | ---------- | | 655673     | failed to
resolve the member to be deleted from the specified group. | | 655719
| failed to delete a member from the specified group. the error code
returned details the failure along with the reason for the failure. take
corrective actions as per the specified reason. |
```

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

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.

Retrieve a local user, Active Directory user or group belonging to a local group and SVM

GET `/protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members/{name}`

Introduced In: 9.10

Retrieves local user, Active Directory user and Active Directory group which is member of the specified local group and SVM.

Related ONTAP commands

- `vserver cifs users-and-groups local-group show-members`

Learn more

- DOC /protocols/cifs/local-groups/{svm.uuid}/{local_cifs_group.sid}/members

Parameters

Name	Type	In	Required	Description
local_cifs_group.sid	string	path	True	Local group SID
name	string	path	True	Member name
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.
fields	array[string]	query	False	Specify the fields to return.

Response

```
Status: 200, Ok
```

Name	Type	Description
local_cifs_group	local_cifs_group	
name	string	Local user, Active Directory user, or Active Directory group which is a member of the specified local group.

Name	Type	Description
svm	svm	SVM, applies only to SVM-scoped objects.

Example response


```
{
  "local_cifs_group": {
    "sid": "S-1-5-21-256008430-3394229847-3930036330-1001"
  },
  "name": "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

local_cifs_group

Name	Type	Description
sid	string	The security ID of the local group which uniquely identifies the group. The group SID is automatically generated in POST and it is retrieved using the GET method.

records

Name	Type	Description
name	string	Local user, Active Directory user, or Active Directory group which is a member of the specified local group.

href

Name	Type	Description
href	string	

_links

Name	Type	Description
self	href	

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.

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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