



## **Manage local users**

### **ONTAP 9.11.1 REST API reference**

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# Manage local users

## Protocols CIFS local-users endpoint overview

### Overview

The CIFS server can use local users for CIFS authentication. The local users can also be used for authorization when determining both share and file/directory access rights to data residing on the storage virtual machine (SVM). You can use this API to display local user information and to control local user configurations.

### Retrieving local user information

You can use the local user GET endpoint to retrieve all of the local user configurations for data SVMs.

### Examples

#### Retrieving all of the fields for local user configurations for all SVMs

```
# The API:
/api/protocols/cifs/local-users

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/cifs/local-users?fields=*"
-H "accept: application/json"

# The response:
{
  "records": [
    {
      "svm": {
        "uuid": "25b363a6-2971-11eb-88e1-0050568eefd4",
        "name": "vs1"
      },
      "sid": "S-1-5-21-256008430-3394229847-3930036330-500",
      "name": "CIFS_SERVER1\\Administrator",
      "full_name": "",
      "description": "Built-in administrator account",
      "account_disabled": false,
      "membership": [
        {
          "name": "BUILTIN\\Administrators",
          "sid": "S-1-5-32-544"
        }
      ]
    }
  ]
}
```

```

},
{
  "svm": {
    "uuid": "25b363a6-2971-11eb-88e1-0050568eefd4",
    "name": "vs1"
  },
  "sid": "S-1-5-21-256008430-3394229847-3930036330-1001",
  "name": "CIFS_SERVER1\\user1",
  "full_name": "local user1",
  "description": "This is CIFS local user",
  "account_disabled": false
},
{
  "svm": {
    "uuid": "25b363a6-2971-11eb-88e1-0050568eefd4",
    "name": "vs1"
  },
  "sid": "S-1-5-21-256008430-3394229847-3930036330-1002",
  "name": "CIFS_SERVER1\\user2",
  "full_name": "local user2",
  "description": "This is CIFS local user",
  "account_disabled": false,
  "membership": [
    {
      "name": "CIFS_SERVER1\\grp1",
      "sid": "S-1-5-21-256008430-3394229847-3930036330-1001"
    },
    {
      "name": "CIFS_SERVER1\\grp2",
      "sid": "S-1-5-21-256008430-3394229847-3930036330-1002"
    }
  ]
},
{
  "svm": {
    "uuid": "3f479a01-2971-11eb-88e1-0050568eefd4",
    "name": "vs2"
  },
  "sid": "S-1-5-21-1625922807-3304708894-3529444428-500",
  "name": "CIFS_SERVER2\\Administrator",
  "full_name": "",
  "description": "Built-in administrator account",
  "account_disabled": false,
  "membership": [
    {
      "name": "BUILTIN\\Administrators",

```

```

        "sid": "S-1-5-32-544"
      }
    ]
  },
  {
    "svm": {
      "uuid": "3f479a01-2971-11eb-88e1-0050568eefd4",
      "name": "vs2"
    },
    "sid": "S-1-5-21-1625922807-3304708894-3529444428-1001",
    "name": "CIFS_SERVER2\\user1",
    "full_name": "local user1",
    "description": "This is CIFS local user",
    "account_disabled": false
  }
],
"num_records": 5
}

```

## Retrieving the local user configuration of a specific SVM

```

# The API:
/api/protocols/cifs/local-users

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/cifs/local-
users?svm.uuid=25b363a6-2971-11eb-88e1-0050568eefd4&fields=*" -H "accept:
application/json"

# The response:
{
  "records": [
    {
      "svm": {
        "uuid": "25b363a6-2971-11eb-88e1-0050568eefd4",
        "name": "vs1"
      },
      "sid": "S-1-5-21-256008430-3394229847-3930036330-500",
      "name": "CIFS_SERVER1\\Administrator",
      "full_name": "",
      "description": "Built-in administrator account",
      "account_disabled": false,

```

```

    "membership": [
      {
        "name": "BUILTIN\\Administrators",
        "sid": "S-1-5-32-544"
      }
    ]
  },
  {
    "svm": {
      "uuid": "25b363a6-2971-11eb-88e1-0050568eefd4",
      "name": "vs1"
    },
    "sid": "S-1-5-21-256008430-3394229847-3930036330-1001",
    "name": "CIFS_SERVER1\\user1",
    "full_name": "local user1",
    "description": "This is CIFS local user",
    "account_disabled": false
  },
  {
    "svm": {
      "uuid": "25b363a6-2971-11eb-88e1-0050568eefd4",
      "name": "vs1"
    },
    "sid": "S-1-5-21-256008430-3394229847-3930036330-1002",
    "name": "CIFS_SERVER1\\user2",
    "full_name": "local user2",
    "description": "This is CIFS local user",
    "account_disabled": false,
    "membership": [
      {
        "name": "CIFS_SERVER1\\grp1",
        "sid": "S-1-5-21-256008430-3394229847-3930036330-1001"
      },
      {
        "name": "CIFS_SERVER1\\grp2",
        "sid": "S-1-5-21-256008430-3394229847-3930036330-1002"
      }
    ]
  },
],
"num_records": 3
}

```

## Retrieving a local user configuration of a specific SVM and user

---

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

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/cifs/local-users/25b363a6-2971-11eb-88e1-0050568eefd4/S-1-5-21-1625922807-3304708894-3529444428-1001" -H "accept: application/json"

# The response:
{
  "svm": {
    "uuid": "25b363a6-2971-11eb-88e1-0050568eefd4",
    "name": "vs1"
  },
  "sid": "S-1-5-21-256008430-3394229847-3930036330-1001",
  "name": "CIFS_SERVER1\\user1",
  "full_name": "local user1",
  "description": "This is CIFS local user",
  "account_disabled": false
}
```

---

## Creating a local user configuration

The local user POST endpoint creates a local user configuration for the specified SVM.

### Examples

#### Creating a local user configuration with all fields specified

---

```
# The API:
/api/protocols/cifs/local-users

# The call:
curl -X POST "https://<mgmt-ip>/api/protocols/cifs/local-users" -H
"accept: application/json" -H "Content-Type: application/json" -d "{
\"account_disabled\": false, \"description\": \"This is local user.\",
\"full_name\": \"user name\", \"name\": \"SMB_SERVER01\\\\\\\\user\",
\"password\": \"netapp1N\", \"svm\": { \"name\": \"vs1\", \"uuid\":
\"25b363a6-2971-11eb-88e1-0050568eefd4\" }}"
```

---

## Creating a local user configuration with only mandatory fields specified

---

```
# The API:
/api/protocols/cifs/local-users

# The call:
curl -X POST "https://<mgmt-ip>/api/protocols/cifs/local-users" -H
"accept: application/json" -d "{ \"name\": \"user1\", \"password\":
\"netapp1N\", \"svm\": { \"uuid\": \"25b363a6-2971-11eb-88e1-
0050568eefd4\" }}"
```

---

## Updating a local user configuration

The local user PATCH endpoint updates the local user configuration for the specified user and SVM.

### Updating a local user name and password

---

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

# The call:
curl -X PATCH "https://<mgmt-ip>/api/protocols/cifs/local-users/25b363a6-
2971-11eb-88e1-0050568eefd4/S-1-5-21-1625922807-3304708894-3529444428-
1001" -H "accept: application/json" -d "{ \"name\": \"new_user1\",
\"password\": \"netapp1Net\" }"
```



## Deleting a local user configuration

The local user DELETE endpoint deletes the specified local user for the specified SVM. The following example shows a DELETE operation:

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

# The call:
curl -X DELETE "https://<mgmt-ip>/api/protocols/cifs/local-users/25b363a6-2971-11eb-88e1-0050568eefd4/s-1-5-21-1625922807-3304708894-3529444428-1001" -H "accept: application/json"
```

## Retrieve local users for all SVMs

GET /protocols/cifs/local-users

**Introduced In:** 9.9

Retrieves local users for all of the SVMs. Local groups to which this user belongs to are also displayed.

### Advanced properties

- membership

### Related ONTAP commands

- `vserver cifs users-and-groups local-user show`
- `vserver cifs users-and-groups local-user show-membership`

### Learn more

- [DOC /protocols/cifs/local-users](#)

### Parameters

| Name        | Type   | In    | Required | Description  |
|-------------|--------|-------|----------|--|
| description | string | query | False    | Filter by description <ul style="list-style-type: none"><li>• maxLength: 256</li></ul> |
| full_name   | string | query | False    | Filter by full_name <ul style="list-style-type: none"><li>• maxLength: 256</li></ul>   |

| Name             | Type          | In    | Required | Description  |
|------------------|---------------|-------|----------|--|
| membership.sid   | string        | query | False    | Filter by membership.sid <ul style="list-style-type: none"> <li>Introduced in: 9.10</li> </ul>   |
| membership.name  | string        | query | False    | Filter by membership.name <ul style="list-style-type: none"> <li>minLength: 1</li> </ul>   |
| sid              | string        | query | False    | Filter by sid <ul style="list-style-type: none"> <li>Introduced in: 9.10</li> </ul>  |
| svm.uuid         | string        | query | False    | Filter by svm.uuid   |
| svm.name         | string        | query | False    | Filter by svm.name   |
| account_disabled | boolean       | query | False    | Filter by account_disabled   |
| name             | string        | query | False    | Filter by name <ul style="list-style-type: none"> <li>minLength: 1</li> </ul>  |
| fields           | array[string] | query | False    | Specify the fields to return.  |
| 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. <ul style="list-style-type: none"> <li>Default value: 1</li> </ul> |

| 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: 1</li> <li>• Max value: 120</li> <li>• Min value: 0</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 local user records. |
| records     | array[ <a href="#">local_cifs_user</a> ] |                               |

## Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "description": "This is local user.",
    "full_name": "user name",
    "membership": {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "SMB_SERVER01\\group",
      "sid": "S-1-5-21-256008430-3394229847-3930036330-1001"
    },
    "name": "SMB_SERVER01\\user",
    "sid": "S-1-5-21-256008430-3394229847-3930036330-1001",
    "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 | <a href="#">href</a> |             |
| self | <a href="#">href</a> |             |

\_links

| Name | Type                 | Description |
|------|----------------------|-------------|
| self | <a href="#">href</a> |             |

membership

| Name   | Type                   | Description  |
|--------|------------------------|--|
| _links | <a href="#">_links</a> |  |
| name   | string                 | Local group name. The maximum supported length of a group name is 256 characters.  |
| 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. |

svm

| Name   | Type                   | Description                       |
|--------|------------------------|-----------------------------------|
| _links | <a href="#">_links</a> |                                   |
| name   | string                 | The name of the SVM.              |
| uuid   | string                 | The unique identifier of the SVM. |

local\_cifs\_user

| Name             | Type                                | Description   |
|------------------|-------------------------------------|---|
| _links           | <a href="#">_links</a>              |   |
| account_disabled | boolean                             | Indicates whether the user account is enabled or disabled.  |
| description      | string                              | Description for the local user.   |
| full_name        | string                              | User's full name.   |
| membership       | array[ <a href="#">membership</a> ] | Specifies local groups of which this local user is a member.  |
| name             | string                              | Local user name. The maximum supported length of an user name is 20 characters.   |
| password         | string                              | Password for the local user.  |
| sid              | string                              | The security ID of the local user which uniquely identifies the user. The user SID is automatically generated in POST and it is retrieved using the GET method. |
| svm              | <a href="#">svm</a>                 |   |

#### error\_arguments

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

#### error

| Name      | Type                                     | Description                                 |
|-----------|--|---|
| arguments | array[ <a href="#">error_arguments</a> ] | Message arguments                           |
| code      | string                                   | Error code                                  |
| message   | string                                   | Error message                               |
| target    | string                                   | The target parameter that caused the error. |

# Create a local user configuration for an SVM

POST /protocols/cifs/local-users

**Introduced In:** 9.9

Creates the local user configuration for an SVM.

## Important notes

- The user name can contain up to 20 characters.
- The user name cannot be terminated by a period.
- The user name does not support any of the following characters: " / ? [ ] , : \ | < > + = ; ? \* @ or ASCII characters in the range 1-31.
- The password must be at least six characters in length and must not contain the user account name.
- The password must contain characters from three of the following four categories:
- English uppercase characters (A through Z)
- English lowercase characters (a through z)
- Base 10 digits (0 through 9)
- Special characters: ~ ! @ # 0 ^ & \* \_ - + = ` ? \ | ( ) [ ] : ; " ' < > , . ? /

## Required properties

- `svm.uuid` or `svm.name` - Existing SVM in which to create the local user.
- `name` - Name of the local user.
- `password` - Password for the local user.

## Default property values

If not specified in POST, the following default property value is assigned:

- `account_disabled` - false

## Related ONTAP commands

- `vserver cifs users-and-groups local-user create`

## Learn more

- [DOC /protocols/cifs/local-users](#)

## Parameters



| Name           | Type    | In    | Required | Description   |
|----------------|---------|-------|----------|---|
| return_records | boolean | query | False    | <p>The default is false. If set to true, the records are returned.</p> <ul style="list-style-type: none"> <li>• Default value:</li> </ul> |

## Request Body

| Name             | Type                                | Description   |
|------------------|-------------------------------------|---|
| _links           | <a href="#">_links</a>              |   |
| account_disabled | boolean                             | Indicates whether the user account is enabled or disabled.  |
| description      | string                              | Description for the local user.   |
| full_name        | string                              | User's full name.   |
| membership       | array[ <a href="#">membership</a> ] | Specifies local groups of which this local user is a member.  |
| name             | string                              | Local user name. The maximum supported length of an user name is 20 characters.   |
| password         | string                              | Password for the local user.  |
| sid              | string                              | The security ID of the local user which uniquely identifies the user. The user SID is automatically generated in POST and it is retrieved using the GET method. |
| svm              | <a href="#">svm</a>                 |   |

## Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "description": "This is local user.",
  "full_name": "user name",
  "membership": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "SMB_SERVER01\\group",
    "sid": "S-1-5-21-256008430-3394229847-3930036330-1001"
  },
  "name": "SMB_SERVER01\\user",
  "sid": "S-1-5-21-256008430-3394229847-3930036330-1001",
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

## Response

Status: 201, Created

| Name        | Type                                     | Description                   |
|-------------|--|-------------------------------|
| _links      | <a href="#">_links</a>                   |                               |
| num_records | integer                                  | Number of local user records. |
| records     | array[ <a href="#">local_cifs_user</a> ] |                               |

## Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "description": "This is local user.",
    "full_name": "user name",
    "membership": {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "SMB_SERVER01\\group",
      "sid": "S-1-5-21-256008430-3394229847-3930036330-1001"
    },
    "name": "SMB_SERVER01\\user",
    "sid": "S-1-5-21-256008430-3394229847-3930036330-1001",
    "svm": {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "svm1",
      "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
    }
  }
}
```

## Error

Status: Default

### ONTAP Error Response Codes

| Error Code | Description   |
|------------|---|
| 262278     | Name and password are required fields.  |
| 655399     | CIFS server must exist to create a local user.  |
| 655660     | The operation is allowed only on data SVMs.   |
| 655661     | The user name should not exceed 20 characters. Also full_name and description should not exceed 256 characters. |
| 655665     | The user name must not match the CIFS server name of the specified SVM.   |
| 655668     | The specified user name contains illegal characters.  |
| 655675     | The local domain name specified in user name doesn't exist.   |
| 655682     | The user name cannot be blank.  |
| 655733     | The password does not meet the password complexity requirements.  |
| 655736     | The specified user name already exists.   |
| 2621706    | The specified SVM UUID is incorrect for the specified SVM name.   |

| Name  | Type                  | Description |
|-------|-----------------------|-------------|
| error | <a href="#">error</a> |             |

### 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 |
|------|----------------------|-------------|
| self | <a href="#">href</a> |             |

membership

| Name   | Type                   | Description  |
|--------|------------------------|--|
| _links | <a href="#">_links</a> |  |
| name   | string                 | Local group name. The maximum supported length of a group name is 256 characters.  |
| 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. |

svm

| Name   | Type                   | Description                       |
|--------|------------------------|-----------------------------------|
| _links | <a href="#">_links</a> |                                   |
| name   | string                 | The name of the SVM.              |
| uuid   | string                 | The unique identifier of the SVM. |

local\_cifs\_user

| Name             | Type                   | Description  |
|------------------|------------------------|--|
| _links           | <a href="#">_links</a> |  |
| account_disabled | boolean                | Indicates whether the user account is enabled or disabled. |
| description      | string                 | Description for the local user.                            |

| Name       | Type                                | Description   |
|------------|-------------------------------------|---|
| full_name  | string                              | User's full name.   |
| membership | array[ <a href="#">membership</a> ] | Specifies local groups of which this local user is a member.  |
| name       | string                              | Local user name. The maximum supported length of an user name is 20 characters.   |
| password   | string                              | Password for the local user.  |
| sid        | string                              | The security ID of the local user which uniquely identifies the user. The user SID is automatically generated in POST and it is retrieved using the GET method. |
| svm        | <a href="#">svm</a>                 |   |

#### \_links

| Name | Type                 | Description |
|------|----------------------|-------------|
| next | <a href="#">href</a> |             |
| self | <a href="#">href</a> |             |

#### error\_arguments

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

#### error

| Name      | Type                                     | Description                                 |
|-----------|--|---|
| arguments | array[ <a href="#">error_arguments</a> ] | Message arguments                           |
| code      | string                                   | Error code                                  |
| message   | string                                   | Error message                               |
| target    | string                                   | The target parameter that caused the error. |

# Delete a local user configuration for an SVM

DELETE /protocols/cifs/local-users/{svm.uuid}/{sid}

Introduced In: 9.10

Deletes a local user configuration for the specified SVM.

## Related ONTAP commands

- `vserver cifs users-and-groups local-user delete`

## Learn more

- [DOC /protocols/cifs/local-users](#)

## Parameters

| Name     | Type   | In   | Required | Description                                   |
|----------|--------|------|----------|---|
| sid      | string | path | True     | Local user SID                                |
| svm.uuid | string | path | True     | UUID of the SVM to which this object belongs. |

## Response

Status: 200, Ok

## Error

Status: Default

### ONTAP Error Response Codes

| Error Code | Description  |
|------------|--|
| 655735     | The local Administrator account cannot be deleted. |

| Name  | Type                  | Description |
|-------|-----------------------|-------------|
| error | <a href="#">error</a> |             |



## 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 |

#### error

| Name      | Type                                     | Description                                 |
|-----------|--|---|
| arguments | array[ <a href="#">error_arguments</a> ] | Message arguments                           |
| code      | string                                   | Error code                                  |
| message   | string                                   | Error message                               |
| target    | string                                   | The target parameter that caused the error. |

## Retrieve local user information for a user and SVM

GET /protocols/cifs/local-users/{svm.uuid}/{sid}

Introduced In: 9.10

Retrieves local user information for the specified user and SVM.

## Advanced properties

- `membership`

## Related ONTAP commands

- `vserver cifs users-and-groups local-user show`
- `vserver cifs users-and-groups local-user show-membership`

## Learn more

- [DOC /protocols/cifs/local-users](#)

## Parameters

| Name     | Type          | In    | Required | Description                                   |
|----------|---------------|-------|----------|---|
| sid      | string        | path  | True     | Local user SID                                |
| 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  |
|-------------------------------|-------------------------------------|--|
| <code>_links</code>           | <a href="#">_links</a>              |  |
| <code>account_disabled</code> | boolean                             | Indicates whether the user account is enabled or disabled.   |
| <code>description</code>      | string                              | Description for the local user.                              |
| <code>full_name</code>        | string                              | User's full name.  |
| <code>membership</code>       | array[ <a href="#">membership</a> ] | Specifies local groups of which this local user is a member. |

| Name     | Type                | Description   |
|----------|---------------------|---|
| name     | string              | Local user name. The maximum supported length of an user name is 20 characters.   |
| password | string              | Password for the local user.  |
| sid      | string              | The security ID of the local user which uniquely identifies the user. The user SID is automatically generated in POST and it is retrieved using the GET method. |
| svm      | <a href="#">svm</a> |   |

## Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "description": "This is local user.",
  "full_name": "user name",
  "membership": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "SMB_SERVER01\\group",
    "sid": "S-1-5-21-256008430-3394229847-3930036330-1001"
  },
  "name": "SMB_SERVER01\\user",
  "sid": "S-1-5-21-256008430-3394229847-3930036330-1001",
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

## Error

Status: Default, Error

| Name  | Type                  | Description |
|-------|-----------------------|-------------|
| error | <a href="#">error</a> |             |

### 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 |
|------|----------------------|-------------|
| self | <a href="#">href</a> |             |

membership

| Name   | Type                   | Description  |
|--------|------------------------|--|
| _links | <a href="#">_links</a> |  |
| name   | string                 | Local group name. The maximum supported length of a group name is 256 characters.  |
| 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. |

svm

| Name   | Type                   | Description                       |
|--------|------------------------|-----------------------------------|
| _links | <a href="#">_links</a> |                                   |
| name   | string                 | The name of the SVM.              |
| uuid   | string                 | The unique identifier of the SVM. |

error\_arguments

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

error

| Name      | Type                                     | Description                                 |
|-----------|--|---|
| arguments | array[ <a href="#">error_arguments</a> ] | Message arguments                           |
| code      | string                                   | Error code                                  |
| message   | string                                   | Error message                               |
| target    | string                                   | The target parameter that caused the error. |

## Update local user information for a user and SVM

PATCH /protocols/cifs/local-users/{svm.uuid}/{sid}

**Introduced In:** 9.10

Updates local user information for the specified user and SVM. The PATCH endpoint is also used to rename a user and to set the password for the user.

### Related ONTAP commands

- `vserver cifs users-and-groups local-user modify`
- `vserver cifs users-and-groups local-user rename`
- `vserver cifs users-and-groups local-user set-password`

### Learn more

- [DOC /protocols/cifs/local-users](#)

### Parameters

| Name     | Type   | In   | Required | Description                                   |
|----------|--------|------|----------|---|
| sid      | string | path | True     | Local user SID                                |
| svm.uuid | string | path | True     | UUID of the SVM to which this object belongs. |

### Request Body

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

| Name             | Type                                | Description   |
|------------------|-------------------------------------|---|
| account_disabled | boolean                             | Indicates whether the user account is enabled or disabled.  |
| description      | string                              | Description for the local user.   |
| full_name        | string                              | User's full name.   |
| membership       | array[ <a href="#">membership</a> ] | Specifies local groups of which this local user is a member.  |
| name             | string                              | Local user name. The maximum supported length of an user name is 20 characters.   |
| password         | string                              | Password for the local user.  |
| sid              | string                              | The security ID of the local user which uniquely identifies the user. The user SID is automatically generated in POST and it is retrieved using the GET method. |
| svm              | <a href="#">svm</a>                 |   |



## Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "description": "This is local user.",
  "full_name": "user name",
  "membership": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "SMB_SERVER01\\group",
    "sid": "S-1-5-21-256008430-3394229847-3930036330-1001"
  },
  "name": "SMB_SERVER01\\user",
  "sid": "S-1-5-21-256008430-3394229847-3930036330-1001",
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

## Response

Status: 200, Ok

## Error

Status: Default

## ONTAP Error Response Codes

| Error Code | Description  |
|------------|--|
| 655661     | The user name should not exceed 20 characters. Also full_name and description should not exceed 256 characters.  |
| 655668     | The specified user name contains illegal characters.   |
| 655675     | The local domain name specified in the user name does not exist.   |
| 655682     | The user name cannot be blank.   |
| 655732     | Failed to rename a user. The error code returned details the failure along with the reason for the failure. Take corrective actions as per the specified reason. |
| 655733     | The specified password does not meet the password complexity requirements.   |
| 655737     | To rename an existing user, the local domain specified in name must match the local domain of the user to be renamed.  |

| 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 |
|------|----------------------|-------------|
| self | <a href="#">href</a> |             |

membership

| Name   | Type                   | Description  |
|--------|------------------------|--|
| _links | <a href="#">_links</a> |  |
| name   | string                 | Local group name. The maximum supported length of a group name is 256 characters.  |
| 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. |

svm

| Name   | Type                   | Description                       |
|--------|------------------------|-----------------------------------|
| _links | <a href="#">_links</a> |                                   |
| name   | string                 | The name of the SVM.              |
| uuid   | string                 | The unique identifier of the SVM. |

local\_cifs\_user

| Name             | Type                   | Description  |
|------------------|------------------------|--|
| _links           | <a href="#">_links</a> |  |
| account_disabled | boolean                | Indicates whether the user account is enabled or disabled. |
| description      | string                 | Description for the local user.                            |

| Name       | Type                                | Description   |
|------------|-------------------------------------|---|
| full_name  | string                              | User's full name.   |
| membership | array[ <a href="#">membership</a> ] | Specifies local groups of which this local user is a member.  |
| name       | string                              | Local user name. The maximum supported length of an user name is 20 characters.   |
| password   | string                              | Password for the local user.  |
| sid        | string                              | The security ID of the local user which uniquely identifies the user. The user SID is automatically generated in POST and it is retrieved using the GET method. |
| svm        | <a href="#">svm</a>                 |   |

#### error\_arguments

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

#### error

| Name      | Type                                     | Description                                 |
|-----------|--|---|
| arguments | array[ <a href="#">error_arguments</a> ] | Message arguments                           |
| code      | string                                   | Error code                                  |
| message   | string                                   | Error message                               |
| target    | string                                   | The target parameter that caused the error. |

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