



# Manage UNIX group users

ONTAP 9.11.1 REST API reference

NetApp  
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# Manage UNIX group users

## Name-services unix-groups svm.uuid unix\_group.name users endpoint overview

### Overview

You can use this API to retrieve, add or delete UNIX users for an SVM's UNIX group.

### Retrieving UNIX users from an SVM's UNIX group

The UNIX group users GET endpoint retrieves UNIX users of the specified UNIX group and the SVM.

### Examples

Retrieving all users from the group 'pcuser'

```
# The API:
/api/name-services/unix-groups/{svm.uuid}/{unix_group.name}/users

# The call:
curl -X GET "https://<mgmt-ip>/api/name-services/unix-groups/f06686a2-
c901-11eb-94b4-0050568e9f2c/pcuser/users" -H "accept:
application/hal+json"

# The response:
{
  "records": [
    {
      "svm": {
        "uuid": "f06686a2-c901-11eb-94b4-0050568e9f2c",
        "name": "svm1"
      },
      "unix_group": {
        "name": "pcuser"
      },
      "name": "user1",
      "_links": {
        "self": {
          "href": "/api/name-services/unix-groups/f06686a2-c901-11eb-94b4-
0050568e9f2c/pcuser/users/user1"
        }
      }
    },
    {
      "num_records": 1,
      "_links": {
        "self": {
          "href": "/api/name-services/unix-groups/f06686a2-c901-11eb-94b4-
0050568e9f2c/pcuser/users/?fields=*"
        }
      }
    }
  ]
}
```

**Retrieving user 'user1' from the group 'pcuser'**

```

# The API:
/api/name-services/unix-groups/{svm.uuid}/{unix_group.name}/users/{name}

# The call:
curl -X GET "https://<mgmt-ip>/api/name-services/unix-groups/f06686a2-
c901-11eb-94b4-0050568e9f2c/pcuser/users/user1" -H "accept:
application/hal+json"

# The response:
{
  "svm": {
    "uuid": "f06686a2-c901-11eb-94b4-0050568e9f2c",
    "name": "svml"
  },
  "unix_group": {
    "name": "pcuser"
  },
  "name": "user1",
  "_links": {
    "self": {
      "href": "/api/name-services/unix-groups/f06686a2-c901-11eb-94b4-
0050568e9f2c/pcuser/users/user1"
    }
  }
}

```

## Adding users to a UNIX group

The UNIX group users POST endpoint adds UNIX users to the specified UNIX group and the SVM. Multiple users can be added in a single call using the "records" parameter.

## Examples

### Adding a single user to the group 'group1'

```

# The API:
/api/name-services/unix-groups/{svm.uuid}/{unix_group.name}/users

# The call:
curl -X POST "https://<mgmt-ip>/api/name-services/unix-groups/179d3c85-
7053-11e8-b9b8-005056b41bd1/group1/users" -H "accept:
application/hal+json" -H "Content-Type: application/json" -d '{ "name":
"user4" }'

```

## Adding multiple users to the group 'group1' in a single REST call

```
# The API:
/api/name-services/unix-groups/{svm.uuid}/{unix_group.name}/users

# The call:
curl -X POST "https://<mgmt-ip>/api/name-services/unix-groups/179d3c85-7053-11e8-b9b8-005056b41bd1/group1/users" -H "accept: application/hal+json" -H "Content-Type: application/json" -d '{"records": [{"name":"user1"}, {"name":"user2"}, {"name":"user3"}]}'
```

## Deleting a user from a group of a specific SVM

### Example

Delete the user 'user1' from group 'group1' in SVM 'vs1'

```
= The API:

/api/name-services/unix-groups/{svm.uuid}/{unix_group.name}/users/{name}

= The call:

[[ID26bf4bf4b483c008e8eaea478ef9d6b5]]
= Retrieve users for a UNIX group and SVM

[.api-doc-operation .api-doc-operation-get]#GET# [.api-doc-code-block]#`/name-services/unix-groups/{svm.uuid}/{unix_group.name}/users`#

*Introduced In:* 9.10

Retrieves users for the specified UNIX group and SVM.

== Related ONTAP commands

* `vserver services name-service unix-group show`

== Parameters

[cols=5*,options=header]
```

```
|===  
  
|Name  
|Type  
|In  
|Required  
|Description  
  
|unix_group.name  
|string  
|path  
|True  
a|UNIX group name.  
  
|name  
|string  
|query  
|False  
a|Filter by name  
  
|svm.uuid  
|string  
|path  
|True  
a|UUID of the SVM to which this object belongs.  
  
|fields  
|array[string]  
|query  
|False  
a|Specify the fields to return.  
  
|max_records  
|integer  
|query  
|False  
a|Limit the number of records returned.  
  
|return_records  
|boolean  
|query  
|False
```

a|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

a|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: 1

\* Max value: 120

\* Min value: 0

|order\_by

|array[string]

|query

|False

a|Order results by specified fields and optional [asc|desc] direction. Default direction is 'asc' for ascending.

|===

== Response

Status: 200, Ok

[cols=3\*,options=header]

|===

|Name

|Type

|Description

|\_links

|link:#\_links[\_links]

a|

|num\_records

|integer

a|Number of UNIX user records in a given SVM and group.



```
|records
|array[link:#unix_group_users[unix_group_users]]
a|
```

```
|===
```

.Example response

```
[%collapsible%closed]
```

```
=====
```

```
[source,json,subs=+macros]
```

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "string",
      "records": [
        {
          "name": "string"
        }
      ],
      "svm": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      },
      "unix_group": {
        "name": "string"
      }
    }
  ]
}
```

```

    }
  }
]
}
====

== Error

```

Status: Default, Error

```

[cols=3*,options=header]
|===
|Name
|Type
|Description

|error
|link:#error[error]
a|

|===

.Example error
[%collapsible%closed]
====
[source,json,subs=+macros]
{
  "error": {
    "arguments": [
      {
        "code": "string",
        "message": "string"
      }
    ],
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
====

== Definitions

[.api-def-first-level]
.See Definitions

```

```

[%collapsible%closed]
//Start collapsible Definitions block
====
[#href]
[.api-collapsible-fifth-title]
href

[cols=3*,options=header]
|===
|Name
|Type
|Description

|href
|string
a|

|===

[#_links]
[.api-collapsible-fifth-title]
_links

[cols=3*,options=header]
|===
|Name
|Type
|Description

|next
|link:#href[href]
a|

|self
|link:#href[href]
a|

|===

[#_links]
[.api-collapsible-fifth-title]
_links

[cols=3*,options=header]
|===

```

```

|Name
|Type
|Description

|self
|link:#href[href]
a|

|===

[#records]
[.api-collapsible-fifth-title]
records

[cols=3*,options=header]
|===
|Name
|Type
|Description

|name
|string
a|UNIX user who belongs to the specified UNIX group and the SVM.

|===

[#svm]
[.api-collapsible-fifth-title]
svm

[cols=3*,options=header]
|===
|Name
|Type
|Description

|_links
|link:#_links[_links]
a|

|name
|string
a|The name of the SVM.

```

```
|uuid
|string
a|The unique identifier of the SVM.
```

```
|===
```

```
[#unix_group]
[.api-collapsible-fifth-title]
unix_group
```

```
[cols=3*,options=header]
```

```
|===
```

```
|Name
|Type
|Description
```

```
|name
|string
a|UNIX group name.
```

```
|===
```

```
[#unix_group_users]
[.api-collapsible-fifth-title]
unix_group_users
```

```
[cols=3*,options=header]
```

```
|===
```

```
|Name
|Type
|Description
```

```
|_links
|link:#_links[_links]
a|
```

```
|name
|string
a|UNIX user who belongs to the specified UNIX group and the SVM.
```

```
|records
```

```
|array[link:#records[records]]
a|An array of UNIX users specified to add multiple users to a UNIX group
in a single API call.
Not allowed when the `name` property is used.
```

```
|skip_name_validation
|boolean
a|Indicates whether or not the validation for the specified UNIX user
names is disabled.
```

```
|svm
|link:#svm[svm]
a|
```

```
|unix_group
|link:#unix_group[unix_group]
a|
```

```
|===
```

```
[#error_arguments]
[.api-collapsible-fifth-title]
error_arguments
```

```
[cols=3*,options=header]
```

```
|===
```

```
|Name
|Type
|Description
```

```
|code
|string
a|Argument code
```

```
|message
|string
a|Message argument
```

```
|===
```

```
[#error]
```

```

[.api-collapsible-fifth-title]
error

[cols=3*,options=header]
|===
|Name
|Type
|Description

|arguments
|array[link:#error_arguments[error_arguments]]
a|Message arguments

|code
|string
a|Error code

|message
|string
a|Error message

|target
|string
a|The target parameter that caused the error.

|===

//end collapsible .Definitions block
====

[[ID150c66487916eed4604a9deb2ee02533]]
= Add users to a UNIX group and SVM

[.api-doc-operation .api-doc-operation-post]#POST# [.api-doc-code-
block]#`/name-services/unix-groups/{svm.uuid}/{unix_group.name}/users`#

*Introduced In:* 9.9

Adds users to the specified UNIX group and SVM.

```

## == Important notes

- \* Multiple users can be added in a single call using the "records" parameter.
- \* "records" parameter must not be specified when "name" parameter is specified.
- \* Specified users are appended to the existing list of users.
- \* Duplicate users are ignored.

## == Related ONTAP commands

- \* ``vserver services name-service unix-group adduser``
- \* ``vserver services name-service unix-group addusers``

## == Parameters

[cols=5\*,options=header]

|===

|Name

|Type

|In

|Required

|Description

|`unix_group.name`

|string

|path

|True

a|UNIX group name.

|`return_records`

|boolean

|query

|False

a|The default is false. If set to true, the records are returned.

\* Default value:

|`svm.uuid`

|string

|path

|True

a|UUID of the SVM to which this object belongs.



```
|===
```

```
== Request Body
```

```
[cols=3*,options=header]
```

```
|===
```

```
|Name
```

```
|Type
```

```
|Description
```

```
 |_links
```

```
 |link:#_links[_links]
```

```
a|
```

```
 |name
```

```
 |string
```

```
a|UNIX user who belongs to the specified UNIX group and the SVM.
```

```
 |records
```

```
 |array[link:#records[records]]
```

```
a|An array of UNIX users specified to add multiple users to a UNIX group  
in a single API call.
```

```
Not allowed when the `name` property is used.
```

```
 |skip_name_validation
```

```
 |boolean
```

```
a|Indicates whether or not the validation for the specified UNIX user  
names is disabled.
```

```
 |svm
```

```
 |link:#svm[svm]
```

```
a|
```

```
 |unix_group
```

```
 |link:#unix_group[unix_group]
```

```
a|
```

```
|===
```

```
.Example request
```

```
[%collapsible%closed]
====
[source,json,subs=+macros]
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "name": "string",
  "records": [
    {
      "name": "string"
    }
  ],
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "unix_group": {
    "name": "string"
  }
}
====

== Response
```

Status: 201, Created

```
== Error
```

Status: Default

ONTAP Error Response Codes

```
|===
| Error Code | Description
| 262179
| Invalid arguments in records.
```

```
| 3276897
| The specified UNIX group does not exist in the SVM.

| 3277025
| Maximum supported limit of UNIX group membership count reached.

| 3277051
| Invalid characters in user name. Valid characters are 0-9, A-Z, a-z,
|. ", "_ " and "- ". Names cannot start with "- ".

| 23724066
| User name too long. Maximum supported length is 64 characters.

| 23724142
| "records" field must not be specified when a single user is added.

| 23724143
| SVM UUID, UNIX group name and skip-name-validation are invalid fields
for "records" parameter.
|===
```

```
[cols=3*,options=header]
```

```
|===
```

```
|Name
```

```
|Type
```

```
|Description
```

```
|error
```

```
|link:#error[error]
```

```
a|
```

```
|===
```

```
.Example error
```

```
[%collapsible%closed]
```

```
=====
```

```
[source,json,subs=+macros]
```

```
{
```

```
  "error": {
```

```
    "arguments": [
```

```
      {
```

```
        "code": "string",
```

```
        "message": "string"
```

```

    }
  ],
  "code": "4",
  "message": "entry doesn't exist",
  "target": "uuid"
}
}
====

== Definitions

[.api-def-first-level]
.See Definitions
[%collapsible%closed]
//Start collapsible Definitions block
====
[#href]
[.api-collapsible-fifth-title]
href

[cols=3*,options=header]
|===
|Name
|Type
|Description

|href
|string
a|

|===

[#_links]
[.api-collapsible-fifth-title]
_links

[cols=3*,options=header]
|===
|Name
|Type
|Description

|self
|link:#href[href]
a|

```

```

|===

[#records]
[.api-collapsible-fifth-title]
records

[cols=3*,options=header]
|===
|Name
|Type
|Description

|name
|string
a|UNIX user who belongs to the specified UNIX group and the SVM.

|===

[#svm]
[.api-collapsible-fifth-title]
svm

[cols=3*,options=header]
|===
|Name
|Type
|Description

|_links
|link:#_links[_links]
a|

|name
|string
a|The name of the SVM.

|uuid
|string
a|The unique identifier of the SVM.

|===

```

```
[#unix_group]
[.api-collapsible-fifth-title]
unix_group
```

```
[cols=3*,options=header]
|===
|Name
|Type
|Description
```

```
|name
|string
a|UNIX group name.
```

```
|===
```

```
[#unix_group_users]
[.api-collapsible-fifth-title]
unix_group_users
```

```
[cols=3*,options=header]
|===
|Name
|Type
|Description
```

```
 |_links
|link:#_links[_links]
a|
```

```
|name
|string
a|UNIX user who belongs to the specified UNIX group and the SVM.
```

```
|records
|array[link:#records[records]]
a|An array of UNIX users specified to add multiple users to a UNIX group
in a single API call.
Not allowed when the `name` property is used.
```

```
|skip_name_validation
|boolean
```

a|Indicates whether or not the validation for the specified UNIX user names is disabled.

```
|svm  
|link:#svm[svm]  
a|
```

```
|unix_group  
|link:#unix_group[unix_group]  
a|
```

```
|===
```

```
[#error_arguments]  
[.api-collapsible-fifth-title]  
error_arguments
```

```
[cols=3*,options=header]
```

```
|===
```

```
|Name  
|Type  
|Description
```

```
|code  
|string  
a|Argument code
```

```
|message  
|string  
a|Message argument
```

```
|===
```

```
[#error]  
[.api-collapsible-fifth-title]  
error
```

```
[cols=3*,options=header]
```

```
|===
```

```
|Name  
|Type  
|Description
```

```
|arguments
|array[link:#error_arguments[error_arguments]]
a|Message arguments
```

```
|code
|string
a|Error code
```

```
|message
|string
a|Error message
```

```
|target
|string
a|The target parameter that caused the error.
```

```
|===
```

```
//end collapsible .Definitions block
=====
```

```
[[IDbda55e63b398bab5ab865ab21e1870fc]]
= Delete a user from a UNIX group
```

```
[.api-doc-operation .api-doc-operation-delete]#DELETE# [.api-doc-code-
block]#`/name-services/unix-
groups/{svm.uuid}/{unix_group.name}/users/{name}`#
```

```
*Introduced In:* 9.9
```

Deletes a user from the specified UNIX group.

```
== Related ONTAP commands
```

```
* `vserver services name-service unix-group deluser`
```

```
== Parameters
```



```
[cols=5*,options=header]
```

```
|===
```

```
|Name
```

```
|Type
```

```
|In
```

```
|Required
```

```
|Description
```

```
|unix_group.name
```

```
|string
```

```
|path
```

```
|True
```

```
a|UNIX group name.
```

```
|name
```

```
|string
```

```
|path
```

```
|True
```

```
a|UNIX user to be deleted from the group.
```

```
|svm.uuid
```

```
|string
```

```
|path
```

```
|True
```

```
a|UUID of the SVM to which this object belongs.
```

```
|===
```

```
== Response
```

Status: 200, Ok

```
== Error
```

Status: Default

ONTAP Error Response Codes

```
|===
```

```
| Error Code | Description
```

```
| 3276897
```

```
| The specified UNIX group does not exist in the SVM.
```

```
|===
```

```
[cols=3*,options=header]
```

```
|===
```

```
|Name
```

```
|Type
```

```
|Description
```

```
|error
```

```
|link:#error[error]
```

```
a|
```

```
|===
```

```
.Example error
```

```
[%collapsible%closed]
```

```
====
```

```
[source,json,subs=+macros]
```

```
{  
  "error": {  
    "arguments": [  
      {  
        "code": "string",  
        "message": "string"  
      }  
    ],  
    "code": "4",  
    "message": "entry doesn't exist",  
    "target": "uuid"  
  }  
}
```

```
====
```

```
== Definitions
```

```
[.api-def-first-level]
```

```
.See Definitions
```

```
[%collapsible%closed]
```

```
//Start collapsible Definitions block
```

```
====
```

```
[#error_arguments]
```

```
[.api-collapsible-fifth-title]
```

error\_arguments

[cols=3\*,options=header]

|===

|Name

|Type

|Description

|code

|string

a|Argument code

|message

|string

a|Message argument

|===

[#error]

[.api-collapsible-fifth-title]

error

[cols=3\*,options=header]

|===

|Name

|Type

|Description

|arguments

|array[link:#error\_arguments[error\_arguments]]

a|Message arguments

|code

|string

a|Error code

|message

|string

a|Error message

|target

```

|string
a|The target parameter that caused the error.

|===

//end collapsible .Definitions block
=====

[[ID773e563680520d37ce24bad87c51347d]]
= Retrieve users for a UNIX group and SVM

[.api-doc-operation .api-doc-operation-get]#GET# [.api-doc-code-
block]#`/name-services/unix-
groups/{svm.uuid}/{unix_group.name}/users/{name}`#

*Introduced In:* 9.10

Retrieves users for the specified UNIX group and SVM.

== Related ONTAP commands

* `vserver services name-service unix-group show`

== Parameters

[cols=5*,options=header]
|===

|Name
|Type
|In
|Required
|Description

|unix_group.name
|string
|path
|True
a|UNIX group name.

|name

```

```
|string
|path
|True
a|UNIX user to be retrieved from the group.

|fields
|array[string]
|query
|False
a|Specify the fields to return.

|svm.uuid
|string
|path
|True
a|UUID of the SVM to which this object belongs.

|===
== Response
```

Status: 200, Ok

```
[cols=3*,options=header]
|===
|Name
|Type
|Description

|_links
|link:#_links[_links]
a|

|name
|string
a|UNIX user who belongs to the specified UNIX group and the SVM.

|records
|array[link:#records[records]]
a|An array of UNIX users specified to add multiple users to a UNIX group
in a single API call.
Not allowed when the `name` property is used.
```

```
|skip_name_validation
|boolean
a|Indicates whether or not the validation for the specified UNIX user
names is disabled.
```

```
|svm
|link:#svm[svm]
a|
```

```
|unix_group
|link:#unix_group[unix_group]
a|
```

```
|===
```

.Example response

[%collapsible%closed]

====

[source,json,subs=+macros]

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "name": "string",
  "records": [
    {
      "name": "string"
    }
  ],
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "unix_group": {
    "name": "string"
  }
}
```

```
}  
====  
  
== Error
```

Status: Default, Error

```
[cols=3*,options=header]  
|===  
|Name  
|Type  
|Description  
  
|error  
|link:#error[error]  
a|  
  
|===  
  
.Example error  
[%collapsible%closed]  
====  
[source,json,subs=+macros]  
{  
  "error": {  
    "arguments": [  
      {  
        "code": "string",  
        "message": "string"  
      }  
    ],  
    "code": "4",  
    "message": "entry doesn't exist",  
    "target": "uuid"  
  }  
}  
====  
  
== Definitions  
  
[.api-def-first-level]  
.See Definitions  
[%collapsible%closed]  
//Start collapsible Definitions block  
====
```

```
[#href]
[.api-collapsible-fifth-title]
href
```

```
[cols=3*,options=header]
|===
|Name
|Type
|Description
```

```
|href
|string
a|
```

```
|===
```

```
[#_links]
[.api-collapsible-fifth-title]
_links
```

```
[cols=3*,options=header]
|===
|Name
|Type
|Description
```

```
|self
|link:href[href]
a|
```

```
|===
```

```
[#records]
[.api-collapsible-fifth-title]
records
```

```
[cols=3*,options=header]
|===
|Name
|Type
|Description
```

```
|name
|string
```

```
a|UNIX user who belongs to the specified UNIX group and the SVM.
```



```

|===

[#svm]
[.api-collapsible-fifth-title]
svm

[cols=3*,options=header]
|===
|Name
|Type
|Description

|_links
|link:#_links[_links]
a|

|name
|string
a|The name of the SVM.

|uuid
|string
a|The unique identifier of the SVM.

|===

[#unix_group]
[.api-collapsible-fifth-title]
unix_group

[cols=3*,options=header]
|===
|Name
|Type
|Description

|name
|string
a|UNIX group name.

```

```

|===

[#error_arguments]
[.api-collapsible-fifth-title]
error_arguments

[cols=3*,options=header]
|===
|Name
|Type
|Description

|code
|string
a|Argument code

|message
|string
a|Message argument

|===

[#error]
[.api-collapsible-fifth-title]
error

[cols=3*,options=header]
|===
|Name
|Type
|Description

|arguments
|array[link:#error_arguments[error_arguments]]
a|Message arguments

|code
|string
a|Error code

|message

```

```
|string
a|Error message

|target
|string
a|The target parameter that caused the error.
```

```
|===
```

```
//end collapsible .Definitions block
=====
```

```
:leveloffset: -1
```

```
:leveloffset: -1
```

```
<<<
```

```
*Copyright information*
```

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