



# Manage UNIX group users

## ONTAP 9.9.1 REST API reference

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August 29, 2024

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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 add or delete UNIX users to a UNIX group of an SVM.

### 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:

```
[[IDdc74e40b8ed89ab81b9afd352d5427bf]]
```

= 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.

|===

.Example request

[%collapsible%closed]

====

[source,json,subs=+macros]

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "name": "string",
  "records": [
    {
      "name": "string"
    }
  ]
}
```

====

== Response

Status: 200, Ok

== 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.

|===

[#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.

|===

[#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
====

[[ID84ed1a85d0d6eb1a5d2252753825eba5]]
= 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

====

:leveloffset: -1

:leveloffset: -1

<<<

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