



Manage UNIX group users

REST API reference

NetApp

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 - Example 1

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:

```
[[IDa2c8d8d354eb63e7d46634137e648cc7]]
```

= 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

|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]
{
  "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.
|===
```

== 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
[#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

|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
=====

[[ID04bcd0b92c6db8cb1639205f1080da2f]]
= 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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