



Manage UNIX group users

ONTAP 9.10.1 REST API Documentation

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:

[[IDf4b22969b4cdafbd0bc05eaec0c57788]]
= 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
====

[[ID0691c1ddb629c1a8b0a08e408d2ba81e]]
= Adds 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
=====
```

```
[[IDf9ecb208c177e8aa1d9f893436f758d4]]
= 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
=====

[[ID90fff5cc1e8c9a97353d118faa489ee8]]
= 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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