



## **View and create Duo groups**

ONTAP 9.14.1 REST API reference

NetApp  
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# View and create Duo groups

## Security authentication duo groups endpoint overview

### Overview

This API configures the group to be included in Duo authentication.

### Examples

#### Creating a Duo group

Specify the group name and other necessary information in the body of the POST request. The owner.uuid or owner.name are not required for a cluster-scoped account.

```
# The API:
POST "/api/security/authentication/duo/groups"

# The call:
curl -k https://<mgmt-ip>/api/security/authentication/duo/groups --request
POST --data '{"name": "test", "comment": "test post"}'

# The response:
{
}
```

#### Creating a Duo group for SVM-scoped account

For an SVM-scoped account, specify either the SVM name as the owner.name or the SVM UUID as the owner.uuid along with other parameters for the group. These parameters indicate the SVM that contains the user group and can be obtained from the response body of the GET request performed on the API `/api/svm/svms`.

```
# The API:
POST "/api/security/authentication/duo/groups"

# The call:
curl -k https://<mgmt-ip>/api/security/authentication/duo/groups --request
POST --data '{"name": "test", "comment": "test post", "owner.name": "vs0"
}'

# The response:
{
}
```

## Retrieving the configured Duo groups

Retrieves the Duo groups associated with the owners or filtered list (for a specific SVM and so on).

```
# The API:
GET "/api/security/authentication/duo/groups"

# The call to retrieve Duo groups with the cluster or SVM:
curl -k https://<mgmt-ip>/api/security/authentication/duo/groups

# the response:
{
  "records": [
    {
      "owner": {
        "uuid": "5f618c80-d90a-11ed-a6e6-0050568e8ef2",
        "name": "vs0"
      }
    },
    {
      "owner": {
        "uuid": "f810005a-d908-11ed-a6e6-0050568e8ef2",
        "name": "cluster-1"
      }
    }
  ],
  "num_records": 2
}
```

## Retrieve the configured groups

GET /security/authentication/duo/groups

**Introduced In:** 9.14

Retrieves the configured groups.

### Related ONTAP commands

- `security login duo group show`

### Learn more

- [DOC /security/authentication/duo/groups](#)
- [DOC /security/accounts](#)

## Parameters

Name	Type	In	Required	Description
excluded_users	string	query	False	Filter by excluded_users
comment	string	query	False	Filter by comment
name	string	query	False	Filter by name
owner.uuid	string	query	False	Filter by owner.uuid
owner.name	string	query	False	Filter by owner.name
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	<p>The default is true for GET calls. When set to false, only the number of records is returned.</p> <ul style="list-style-type: none"><li>• Default value: 1</li></ul>
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>

Name	Type	In	Required	Description
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 records.
records	array[ <a href="#">duogroup</a> ]	

## Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "_links": {
        "next": {
          "href": "/api/resourcelink"
        },
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "comment": "string",
      "excluded_users": [
        "user1",
        "user2"
      ],
      "name": "AD_Group",
      "owner": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      }
    }
  ]
}
```

## Error

Status: Default, Error

Name	Type	Description
error	<a href="#">returned_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
next	<a href="#">href</a>	
self	<a href="#">href</a>	

\_links

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

owner

SVM name and UUID for which the Duo group profile is configured.

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the SVM. This field cannot be specified in a PATCH method.
uuid	string	The unique identifier of the SVM. This field cannot be specified in a PATCH method.

duogroup

Group profile to include in Duo authentication.

Name	Type	Description
_links	<a href="#">_links</a>	
comment	string	Comment for the Duo group.
excluded_users	array[string]	List of excluded users.
name	string	Name of the group to be included in Duo authentication.

Name	Type	Description
owner	<a href="#">owner</a>	SVM name and UUID for which the Duo group profile is configured.

error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned\_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 Duo group

POST /security/authentication/duo/groups

**Introduced In:** 9.14

Creates a Duo Group.

### Required properties

- `owner.uuid` - Account owner UUID.
- `name` - Group name

### Related ONTAP commands

- `security login duo group create`

## Learn more

- [DOC /security/authentication/duo/groups](#)
- [DOC /security/accounts](#)

## Parameters

Name	Type	In	Required	Description
return_records	boolean	query	False	The default is false. If set to true, the records are returned.  • Default value:

## Request Body

Name	Type	Description
_links	<a href="#">_links</a>	
comment	string	Comment for the Duo group.
excluded_users	array[string]	List of excluded users.
name	string	Name of the group to be included in Duo authentication.
owner	<a href="#">owner</a>	SVM name and UUID for which the Duo group profile is configured.

## Example request

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "comment": "string",
  "excluded_users": [
    "user1",
    "user2"
  ],
  "name": "AD_Group",
  "owner": {
    "_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 records.
records	array[ <a href="#">duogroup</a> ]	

## Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "_links": {
        "next": {
          "href": "/api/resourcelink"
        },
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "comment": "string",
      "excluded_users": [
        "user1",
        "user2"
      ],
      "name": "AD_Group",
      "owner": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      }
    }
  ]
}
```

## Headers

Name	Description	Type
Location	Useful for tracking the resource location	string

## Error

Status: Default, Error

Name	Type	Description
error	<a href="#">returned_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
next	<a href="#">href</a>	
self	<a href="#">href</a>	

\_links

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

owner

SVM name and UUID for which the Duo group profile is configured.

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the SVM. This field cannot be specified in a PATCH method.
uuid	string	The unique identifier of the SVM. This field cannot be specified in a PATCH method.

duogroup

Group profile to include in Duo authentication.

Name	Type	Description
_links	<a href="#">_links</a>	
comment	string	Comment for the Duo group.
excluded_users	array[string]	List of excluded users.
name	string	Name of the group to be included in Duo authentication.

Name	Type	Description
owner	<a href="#">owner</a>	SVM name and UUID for which the Duo group profile is configured.

#### error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

#### returned\_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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