



Manage group configurations

ONTAP REST API reference

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Manage group configurations

Security groups endpoint overview

Overview

This API is used to manage group configurations in ONTAP. The POST request creates a group configuration. Various responses are shown in the examples below.

Examples

Creating a group configuration

The following output shows how to create a group configuration.

```
# The API:
/api/security/groups

# The call:
curl -X POST "https://<mgmt-ip>/api/security/groups" -d '{ "name":
"AzureGroup1", "owner": { "name": "C1_sti213-vsrm-sr023a_1718680001",
"uuid": "116127b1-2d21-11ef-a5e1-005056ae1bc2" }, "type": "entra", "uuid":
"3fa85f64-5717-4562-b3fc-2c963f66afa6", "comment": "Azure Group"}
```

Retrieving all group configurations

The following output shows all group configurations.

```

# The API:
/api/security/groups

# The call:
curl -X GET "https://<mgmt-ip>/api/security/groups"

# The response:
{
  "records": [
    {
      "owner": {
        "uuid": "116127b1-2d21-11ef-a5e1-005056ae1bc2",
        "name": "C1_sti213-vsimsr023a_1718680001"
      },
      "name": "AzureGroup1",
      "type": "entra",
      "id": 1,
      "uuid": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
    }
  ],
  "num_records": 1
}

```

Retrieve all group entries

GET /security/groups

Introduced In: 9.16

Retrieves all group entries.

Related ONTAP commands

- `security login group show`

Parameters

Name	Type	In	Required	Description
owner.name	string	query	False	Filter by owner.name
owner.uuid	string	query	False	Filter by owner.uuid
comment	string	query	False	Filter by comment

Name	Type	In	Required	Description
name	string	query	False	Filter by name
uuid	string	query	False	Filter by uuid
type	string	query	False	Filter by type
id	integer	query	False	Filter by id
scope	string	query	False	Filter by scope
create_time	string	query	False	Filter by create_time
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	The default is true for GET calls. When set to false, only the number of records is returned. <ul style="list-style-type: none"> • Default value: 1
return_timeout	integer	query	False	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. <ul style="list-style-type: none"> • Default value: 1 • Max value: 120 • Min value: 0
order_by	array[string]	query	False	Order results by specified fields and optional [asc

Response

Status: 200, Ok

Name	Type	Description
_links	collection_links	
num_records	integer	Number of records.
records	array[security_group]	

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "comment": "Azure Group",
      "create_time": "string",
      "id": 0,
      "name": "AzureGroup1",
      "owner": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svml",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      },
      "scope": "string",
      "type": "entra",
      "uuid": "string"
    }
  ]
}
```

Error

Status: Default, Error

Name	Type	Description
error	returned_error	

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	

collection_links

Name	Type	Description
next	href	
self	href	

self_link

Name	Type	Description
self	href	

_links

Name	Type	Description
self	href	

owner

Group owner. Used to identify a cluster or an SVM.

Name	Type	Description
_links	_links	
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.

security_group

Name	Type	Description
_links	self_link	
comment	string	Any comment regarding this group entry.

Name	Type	Description
create_time	string	Date and time indicating when this group entry was created.
id	integer	Group ID which is unique per group across the system. It is a read-only field and it automatically assigns the next available unique number.
name	string	Group name.
owner	owner	Group owner. Used to identify a cluster or an SVM.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.
type	string	Group type.
uuid	string	Group UUID from external Active Directory.

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

Create a group entry

POST /security/groups

Introduced In: 9.16

Creates a group entry.

Required properties

- name

Optional properties

- owner
- type
- uuid
- comment

Related ONTAP commands

- `security login group create`

Parameters

Name	Type	In	Required	Description
return_records	boolean	query	False	The default is false. If set to true, the records are returned. <ul style="list-style-type: none">• Default value:

Request Body

Name	Type	Description
_links	self_link	
comment	string	Any comment regarding this group entry.
create_time	string	Date and time indicating when this group entry was created.

Name	Type	Description
id	integer	Group ID which is unique per group across the system. It is a read-only field and it automatically assigns the next available unique number.
name	string	Group name.
owner	owner	Group owner. Used to identify a cluster or an SVM.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.
type	string	Group type.
uuid	string	Group UUID from external Active Directory.

Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "comment": "Azure Group",
  "create_time": "string",
  "id": 0,
  "name": "AzureGroup1",
  "owner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "scope": "string",
  "type": "entra",
  "uuid": "string"
}
```

Response

Status: 201, Created

Name	Type	Description
_links	collection_links	
num_records	integer	Number of records.
records	array[security_group]	

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "comment": "Azure Group",
      "create_time": "string",
      "id": 0,
      "name": "AzureGroup1",
      "owner": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svml",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      },
      "scope": "string",
      "type": "entra",
      "uuid": "string"
    }
  ]
}
```

Headers

Name	Description	Type
Location	Useful for tracking the resource location	string

Error

Status: Default

ONTAP Error Response Codes

Error Code	Description
5636231	Failed to create the group because the maximum number of allowed group IDs has been reached.
5636232	The group name does not satisfy the length requirement.
5636235	Duplicate UUID.
5636244	Failed to delete the group because it is part of the group role mapping configuration.

Also see the table of common errors in the [Response body](#) overview section of this documentation.

Name	Type	Description
error	returned_error	

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	

self_link

Name	Type	Description
self	href	

_links

Name	Type	Description
self	href	

owner

Group owner. Used to identify a cluster or an SVM.

Name	Type	Description
_links	_links	
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.

security_group

Name	Type	Description
_links	self_link	
comment	string	Any comment regarding this group entry.
create_time	string	Date and time indicating when this group entry was created.

Name	Type	Description
id	integer	Group ID which is unique per group across the system. It is a read-only field and it automatically assigns the next available unique number.
name	string	Group name.
owner	owner	Group owner. Used to identify a cluster or an SVM.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.
type	string	Group type.
uuid	string	Group UUID from external Active Directory.

collection_links

Name	Type	Description
next	href	
self	href	

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code
message	string	Error message

Name	Type	Description
target	string	The target parameter that caused the error.

Delete a group entry

DELETE /security/groups/{owner.uuid}/{name}/{type}

Introduced In: 9.16

Deletes a group entry.

Related ONTAP commands

- security login group delete

Parameters

Name	Type	In	Required	Description
owner.uuid	string	path	True	
name	string	path	True	
type	string	path	True	

Response

Status: 200, Ok

Error

Status: Default

ONTAP Error Response Codes

Error Code	Description
5636244	The group is part of the role mapping configuration. Delete the mapping first and then delete the group.

Also see the table of common errors in the [Response body](#) overview section of this documentation.

Name	Type	Description
error	returned_error	

Example error

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

Definitions

See Definitions

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

Retrieve a group entry

GET /security/groups/{owner.uuid}/{name}/{type}

Introduced In: 9.16

Retrieves a group entry.

Related ONTAP commands

- `security login group show`

Parameters

Name	Type	In	Required	Description
owner.uuid	string	path	True	Group owner. Used to identify a cluster or an SVM.
name	string	path	True	Group name.
type	string	path	True	Group type.
fields	array[string]	query	False	Specify the fields to return.

Response

Status: 200, Ok

Name	Type	Description
_links	self_link	
comment	string	Any comment regarding this group entry.
create_time	string	Date and time indicating when this group entry was created.
id	integer	Group ID which is unique per group across the system. It is a read-only field and it automatically assigns the next available unique number.
name	string	Group name.

Name	Type	Description
owner	owner	Group owner. Used to identify a cluster or an SVM.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.
type	string	Group type.
uuid	string	Group UUID from external Active Directory.

Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "comment": "Azure Group",
  "create_time": "string",
  "id": 0,
  "name": "AzureGroup1",
  "owner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    }
  },
  "name": "svm1",
  "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
},
"scope": "string",
"type": "entra",
"uuid": "string"
}
```

Error

Status: Default, Error

Name	Type	Description
error	returned_error	

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	

self_link

Name	Type	Description
self	href	

_links

Name	Type	Description
self	href	

owner

Group owner. Used to identify a cluster or an SVM.

Name	Type	Description
_links	_links	
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.

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code

Name	Type	Description
message	string	Error message
target	string	The target parameter that caused the error.

Update configured group information

PATCH /security/groups/{owner.uuid}/{name}/{type}

Introduced In: 9.16

Updates configured group information.

Related ONTAP commands

- `security login group modify`

Parameters

Name	Type	In	Required	Description
owner.uuid	string	path	True	Group owner. Used to identify a cluster or an SVM.
name	string	path	True	Group name.
type	string	path	True	Group type.

Request Body

Name	Type	Description
_links	self_link	
comment	string	Any comment regarding this group entry.
create_time	string	Date and time indicating when this group entry was created.
id	integer	Group ID which is unique per group across the system. It is a read-only field and it automatically assigns the next available unique number.

Name	Type	Description
name	string	Group name.
owner	owner	Group owner. Used to identify a cluster or an SVM.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.
type	string	Group type.
uuid	string	Group UUID from external Active Directory.

Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "comment": "Azure Group",
  "create_time": "string",
  "id": 0,
  "name": "AzureGroup1",
  "owner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    }
  },
  "name": "svm1",
  "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
},
"scope": "string",
"type": "entra",
"uuid": "string"
}
```

Response

Status: 200, Ok

Error

Status: Default

ONTAP Error Response Codes

Error Code	Description
5636235	Duplicate UUID.

Also see the table of common errors in the [Response body](#) overview section of this documentation.

Name	Type	Description
error	returned_error	

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	

self_link

Name	Type	Description
self	href	

_links

Name	Type	Description
self	href	

owner

Group owner. Used to identify a cluster or an SVM.

Name	Type	Description
_links	_links	
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.

security_group

Name	Type	Description
_links	self_link	
comment	string	Any comment regarding this group entry.
create_time	string	Date and time indicating when this group entry was created.

Name	Type	Description
id	integer	Group ID which is unique per group across the system. It is a read-only field and it automatically assigns the next available unique number.
name	string	Group name.
owner	owner	Group owner. Used to identify a cluster or an SVM.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.
type	string	Group type.
uuid	string	Group UUID from external Active Directory.

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

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