



Manage group-to-role mapping entries

REST API reference

NetApp

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Manage group-to-role mapping entries

Manage group-to-role mapping entries

Overview

This API is used to manage and map groups to ONTAP roles. The POST request creates a group to role mapping. Various responses are shown in the examples below.

Examples

Creating a group to role mapping entry

The following output shows how to create a group to role mapping entry.

```
# The API:
/api/security/group/role-mappings

# The call:
curl -X POST "https://<mgmt-ip>/api/security/group/role-mappings" -d '{
"group_id": 1, "ontap_role": { "name": "admin" }, "comment": "Group1 admin
role"}'
```

Retrieving all group to role mapping entries

The following output shows all group to role mapping entries.

```
# The API:
/api/security/group/role-mappings

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

# The response:
{
  "records": [
    {
      "group_id": 1,
      "ontap_role": {
        "name": "admin"
      }
    }
  ],
  "num_records": 1
}
```

Retrieve all group-to-role mapping entries

GET /security/group/role-mappings

Introduced In: 9.16

Retrieves all the group to role mapping entries.

Related ONTAP commands

- `security login group role-mapping show`

Parameters

Name	Type	In	Required	Description
scope	string	query	False	Filter by scope
comment	string	query	False	Filter by comment
ontap_role.name	string	query	False	Filter by ontap_role.name
group_id	integer	query	False	Filter by group_id • Max value: 4294967295 • Min value: 1
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. • Default value: 1

Name	Type	In	Required	Description
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. • Max value: 120 • Min value: 0 • Default value: 15
order_by	array[string]	query	False	Order results by specified fields and optional [asc

Response

Status: 200, Ok

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

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": [
    {
      "_links": {
        "next": {
          "href": "/api/resourcelink"
        },
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "comment": "string",
      "group_id": 1,
      "ontap_role": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "admin"
      },
      "scope": "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	

_links

Name	Type	Description
next	href	
self	href	

_links

Name	Type	Description
self	href	

ontap_role

Role name.

Name	Type	Description
_links	_links	
name	string	Role name

group_role_mappings

Name	Type	Description
_links	_links	
comment	string	Any comment regarding this group entry.
group_id	integer	Group ID.
ontap_role	ontap_role	Role name.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.

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-to-role mapping entry

POST /security/group/role-mappings

Introduced In: 9.16

Creates a group to role mapping entry.

Required properties

- `group_id`
- `ontap_role`

Optional properties

- `comment`

Related ONTAP commands

- `security login group role-mapping create`

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
comment	string	Any comment regarding this group entry.
group_id	integer	Group ID.
ontap_role	ontap_role	Role name.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.

Example request

```
{
  "comment": "string",
  "group_id": 1,
  "ontap_role": {
    "name": "admin"
  },
  "scope": "string"
}
```

Response

Status: 201, Created

Name	Type	Description
num_records	integer	Number of records.
records	array[group_role_mappings]	

Example response

```
{
  "records": [
    {
      "comment": "string",
      "group_id": 1,
      "ontap_role": {
        "name": "admin"
      },
      "scope": "string"
    }
  ]
}
```

Headers

Name	Description	Type
Location	Useful for tracking the resource location	string

Error

Status: Default

ONTAP Error Response Codes

Error Code	Description
5636242	The configured group ID does not exist in the group configuration.
5636243	The configured role name does not exist in the SVM where the group ID is configured.

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

Definitions

See Definitions

href

Name	Type	Description
href	string	

_links

ontap_role

Role name.

Name	Type	Description
name	string	Role name

group_role_mappings

Name	Type	Description
comment	string	Any comment regarding this group entry.
group_id	integer	Group ID.
ontap_role	ontap_role	Role name.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.

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.

Delete a group-to-role mapping entry

```
DELETE /security/group/role-mappings/{group_id}/{ontap_role.name}
```

Introduced In: 9.16

Deletes a group to role mapping entry.

Related ONTAP commands

- `security login group role-mapping delete`

Parameters

Name	Type	In	Required	Description
group_id	integer	path	True	Group ID. • format: int64 • Max value: 4294967295 • Min value: 1
ontap_role.name	string	path	True	Role name.

Response

```
Status: 200, Ok
```

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

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-to-role mapping entry

GET /security/group/role-mappings/{group_id}/{ontap_role.name}

Introduced In: 9.16

Retrieves a group to role mapping entry.

Related ONTAP commands

- `security login group role-mapping show`

Parameters

Name	Type	In	Required	Description
group_id	integer	path	True	Group ID. • format: int64 • Max value: 4294967295 • Min value: 1
ontap_role.name	string	path	True	Role name.

Response

Status: 200, Ok

Name	Type	Description
_links	_links	
comment	string	Any comment regarding this group entry.
group_id	integer	Group ID.
ontap_role	ontap_role	Role name.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "comment": "string",
  "group_id": 1,
  "ontap_role": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "admin"
  },
  "scope": "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	

_links

Name	Type	Description
next	href	
self	href	

_links

Name	Type	Description
self	href	

ontap_role

Role name.

Name	Type	Description
_links	_links	
name	string	Role name

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.

Update a configured group role-mapping entry

PATCH /security/group/role-mappings/{group_id}/{ontap_role.name}

Introduced In: 9.16

Updates a configured group role-mapping.

Related ONTAP commands

- `security login group role-mapping modify`

Parameters

Name	Type	In	Required	Description
group_id	integer	path	True	Group ID. • format: int64 • Max value: 4294967295 • Min value: 1
ontap_role.name	string	path	True	Role name.

Request Body

Name	Type	Description
comment	string	Any comment regarding this group entry.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.

Example request

```
{  
  "comment": "string",  
  "scope": "string"  
}
```

Response

Status: 200, Ok

Error

Status: Default, Error

Definitions

See Definitions

href

Name	Type	Description
href	string	

_links

ontap_role

Role name.

Name	Type	Description
name	string	Role name

group_role_mappings

Name	Type	Description
comment	string	Any comment regarding this group entry.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.

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.

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