



# **Manage group-to-role mapping entries**

## **REST API reference**

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# Manage group-to-role mapping entries

## Security group role-mappings endpoint overview

### 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                                                                                                                                                  |
| group_id        | integer       | query | False    | Filter by group_id <ul style="list-style-type: none"><li>• Max value: 4294967295</li><li>• Min value: 1</li></ul>                                                |
| ontap_role.name | string        | query | False    | Filter by ontap_role.name                                                                                                                                        |
| comment         | string        | query | False    | Filter by comment                                                                                                                                                |
| 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"><li>• Default value: 1</li></ul> |

| Name           | Type          | In    | Required | Description                                                                                                                                                                                                                                                                                                                                          |
|----------------|---------------|-------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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>• Max value: 120</li> <li>• Min value: 0</li> <li>• Default value: 1</li> </ul> |
| 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="#">group_role_mappings</a> ] |                    |

## 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 | <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> |             |

ontap\_role

Role name.

| Name   | Type                   | Description |
|--------|------------------------|-------------|
| _links | <a href="#">_links</a> |             |
| name   | string                 | Role name   |

group\_role\_mappings

| Name       | Type                       | Description                                                                                         |
|------------|----------------------------|-----------------------------------------------------------------------------------------------------|
| _links     | <a href="#">_links</a>     |                                                                                                     |
| comment    | string                     | Any comment regarding this group entry.                                                             |
| group_id   | integer                    | Group ID.                                                                                           |
| ontap_role | <a href="#">ontap_role</a> | 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[ <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 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    | <p>The default is false. If set to true, the records are returned.</p> <ul style="list-style-type: none"> <li>• Default value:</li> </ul> |

## Request Body

| Name       | Type                       | Description                                                                                         |
|------------|----------------------------|-----------------------------------------------------------------------------------------------------|
| comment    | string                     | Any comment regarding this group entry.                                                             |
| group_id   | integer                    | Group ID.                                                                                           |
| ontap_role | <a href="#">ontap_role</a> | 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[ <a href="#">group_role_mappings</a> ] |                    |

## 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 | <a href="#">ontap_role</a> | 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[ <a href="#">error_arguments</a> ] | 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. <ul style="list-style-type: none"> <li>• format: int64</li> <li>• Max value: 4294967295</li> <li>• Min value: 1</li> </ul> |
| ontap_role.name | string  | path | True     | Role name.                                                                                                                           |

### Response

```
Status: 200, Ok
```

### 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

#### 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. |

# 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. <ul style="list-style-type: none"><li>• format: int64</li><li>• Max value: 4294967295</li><li>• Min value: 1</li></ul> |
| ontap_role.name | string  | path | True     | Role name.                                                                                                                       |

## Response

Status: 200, Ok

| Name       | Type                       | Description                                                                                         |
|------------|----------------------------|-----------------------------------------------------------------------------------------------------|
| _links     | <a href="#">_links</a>     |                                                                                                     |
| comment    | string                     | Any comment regarding this group entry.                                                             |
| group_id   | integer                    | Group ID.                                                                                           |
| ontap_role | <a href="#">ontap_role</a> | 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 | <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> |             |

ontap\_role

Role name.

| Name   | Type                   | Description |
|--------|------------------------|-------------|
| _links | <a href="#">_links</a> |             |
| name   | string                 | Role name   |

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     |

| 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. <ul style="list-style-type: none"> <li>• format: int64</li> <li>• Max value: 4294967295</li> <li>• Min value: 1</li> </ul> |
| 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[ <a href="#">error_arguments</a> ] | 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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