



View or delete a role

ONTAP 9.7 REST API reference

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View or delete a role

Security roles owner.uuid name endpoint overview

Overview

This API is used to retrieve or delete a role. The role can be SVM-scoped or cluster-scoped.

Specify the owner UUID and the role name in the URI path. The owner UUID corresponds to the UUID of the SVM for which the role has been created and can be obtained from the response body of a GET call performed on one of the following APIs: `/api/security/roles` for all roles `/api/security/roles/?scope=svm` for SVM-scoped roles `/api/security/roles/?owner.name={svm-name}` for roles in a specific SVM This API response contains the complete URI for each role that can be used for retrieving or deleting a role.



The pre-defined roles can be retrieved but cannot be deleted.

Examples

Retrieving a role configuration

```

# The API:
GET "/api/security/roles/{owner.uuid}/{name}"

# The call:
curl -X GET "https://<mgmt-ip>/api/security/roles/aaef7c38-4bd3-11e9-b238-0050568e2e25/secure_role"

# The response:
{
  "owner": {
    "uuid": "aaef7c38-4bd3-11e9-b238-0050568e2e25",
    "name": "svm1",
    "_links": {
      "self": {
        "href": "/api/svm/svms/aaef7c38-4bd3-11e9-b238-0050568e2e25"
      }
    }
  },
  "name": "secure_role",
  "privileges": [
    {
      "path": "/api/security",
      "access": "all",
      "_links": {
        "self": {
          "href": "/api/security/roles/aaef7c38-4bd3-11e9-b238-0050568e2e25/secure_role/privileges/%2Fapi%2Fsecurity"
        }
      }
    }
  ],
  "builtin": false,
  "scope": "svm",
  "_links": {
    "self": {
      "href": "/api/security/roles/aaef7c38-4bd3-11e9-b238-0050568e2e25/secure_role"
    }
  }
}

```

Deleting a custom role

```
# The API:
DELETE "/api/security/roles/{owner.uuid}/{name}"

# The call:
curl -X DELETE "https://<mgmt-ip>/api/security/roles/aaef7c38-4bd3-11e9-
b238-0050568e2e25/svm_role1"
```

Delete a role

DELETE /security/roles/{owner.uuid}/{name}

Deletes the specified role.

Required parameters

- name - Name of the role to be deleted.
- owner.uuid - UUID of the SVM housing the role.

Related ONTAP commands

- security login rest-role delete

Learn more

- [DOC /security/roles/{owner.uuid}/{name}](#)
- [DOC /security/roles](#)

Parameters

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

Response

Status: 200, Ok

Error

Status: Default

ONTAP Error Response Codes

Error Code	Description
5636172	User accounts detected with this role assigned. Update or delete those accounts before deleting this role.
5636173	Features require an effective cluster version of 9.6 or later.
13434890	Vserver-ID failed for Vserver roles.
13434893	The SVM does not exist.

Name	Type	Description
error	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

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 the details of a role

GET /security/roles/{owner.uuid}/{name}

Retrieves the details of the specified role.

Related ONTAP commands

- `security login rest-role show`

Learn more

- [DOC /security/roles/{owner.uuid}/{name}](#)
- [DOC /security/roles](#)

Parameters

Name	Type	In	Required	Description
fields	array[string]	query	False	Specify the fields to return.
owner.uuid	string	path	True	Role owner UUID

Name	Type	In	Required	Description
name	string	path	True	Role name

Response

Status: 200, Ok

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

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "admin",
    "owner": {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "svm1",
      "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
    },
    "privileges": {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "access": "readonly",
      "path": "/api/storage/volumes"
    },
    "scope": "cluster"
  }
}
```

Error

Status: Default, Error

Name	Type	Description
error	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	

owner

Owner name and UUID that uniquely identifies the role.

Name	Type	Description
_links	_links	
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

role_privilege

A tuple containing the REST endpoint and the access level assigned to that endpoint.

Name	Type	Description
_links	_links	
access	string	Access level for the REST endpoint.
path	string	REST URI/endpoint

role

A named set of privileges that defines the rights an account has when it is assigned the role.

Name	Type	Description
<code>_links</code>	_links	
<code>builtin</code>	boolean	Indicates if this is a built-in (pre-defined) role which cannot be modified or deleted.
<code>name</code>	string	Role name
<code>owner</code>	owner	Owner name and UUID that uniquely identifies the role.
<code>privileges</code>	array[role_privilege]	The list of privileges that this role has been granted.
<code>scope</code>	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>code</code>	string	Argument code
<code>message</code>	string	Message argument

error

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

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