



View or delete a role

ONTAP 9.10.1 REST API Documentation

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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"
    }
  },
  {
    "path": "/api/storage/volumes/651f7fdf-7752-11eb-8d4e-
0050568ed6bd/snapshots",
    "access": "readonly",
    "_links": {
      "self": {
        "href": "/api/security/roles/aaef7c38-4bd3-11e9-b238-
0050568e2e25/secure_role/privileges/%2Fapi%2Fstorage%2Fvolumes%2F651f7fdf-
7752-11eb-8d4e-0050568ed6bd%2Fsnapshots"
      }
    }
  }
],
"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}
```

Introduced In: 9.6

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
<code>owner.uuid</code>	string	path	True	Role owner UUID
<code>name</code>	string	path	True	Role name to be deleted.

Response

Status: 200, Ok

Error

Status: Default

ONTAP Error Response Codes

Error Code	Description
5636169	Specified URI path is invalid or not supported. Resource-qualified endpoints are not supported.
5636170	URI does not exist.
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.

Error Code	Description
5636184	Expanded REST roles for granular resource control feature is currently disabled.
5636185	The specified UUID was not found.
5636186	Expanded REST roles for granular resource control requires an effective cluster version of 9.10.1 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}

Introduced In: 9.6

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
owner.uuid	string	path	True	Role owner UUID
name	string	path	True	Role name

Name	Type	In	Required	Description
fields	array[string]	query	False	Specify the fields to return.

Response

Status: 200, Ok

Name	Type	Description
_links	_links	
builtin	boolean	Indicates if this is a built-in (pre-defined) role which cannot be modified or deleted.
name	string	Role name
owner	owner	Owner name and UUID that uniquely identifies the role.
privileges	array[role_privilege]	The list of privileges that this role has been granted.
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.

Example response

```
{
  "_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
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. The REST endpoint can be a resource-qualified endpoint. At present, the only supported resource-qualified endpoints are */api/storage/volumes/{volume.uuid}/snapshots* and */api/storage/volumes//**snapshots***. *"* is a wildcard character denoting "all" volumes.

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

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.

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