



Manage a multi-admin-verify rule

ONTAP 9.12.1 REST API reference

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Manage a multi-admin-verify rule

Security multi-admin-verify rules owner.uuid operation endpoint overview

Overview

These APIs provide information about a specific multi-admin verification rule. Rules define the ONTAP commands (operations) that should be protected by multi-admin approval. While the feature is turned on, any ONTAP operation that is defined with a rule will be enforced with multi-admin approval to execute the command (operation).

Examples

Retrieving a multi-admin-verify rule

Displays information about a specific multi admin verification rule.

```
# The API:
/api/security/multi-admin-verify/rules/{owner.uuid}/{operation}

# The call:
curl -X GET "https://<cluster-ip>/api/security/multi-admin-verify/rules/52b75787-7011-11ec-a23d-005056a78fd5/volume+delete"

# The response:
{
  "owner": {
    "uuid": "52b75787-7011-11ec-a23d-005056a78fd5",
    "name": "cluster1",
    "_links": {
      "self": {
        "href": "/api/svm/svms/52b75787-7011-11ec-a23d-005056a78fd5"
      }
    }
  },
  "operation": "volume delete",
  "auto_request_create": true,
  "query": "-vserver vs0",
  "required_approvers": 1,
  "create_time": "2022-01-07T22:14:03-05:00",
  "system_defined": false,
  "_links": {
    "self": {
      "href": "/api/security/multi-admin-verify/rules/52b75787-7011-11ec-a23d-005056a78fd5/volume+delete"
    }
  }
}
```

Updating a multi-admin-verify rule

Modifies the attributes of the rule.

```
# The API:
/api/security/multi-admin-verify/rules/{owner.uuid}/{operation}

# The call:
curl -X PATCH "https://<cluster-ip>/api/security/multi-admin-verify/rules/52b75787-7011-11ec-a23d-005056a78fd5/volume+delete" -d '{"required_approvers": 1}'
```

Deleting a multi-admin-verify rule

Deletes the specified approval group.

```
# The API:
/api/security/multi-admin-verify/rules/{owner.uuid}/{operation}

# The call:
curl -X DELETE "https://<cluster-ip>/api/security/multi-admin-verify/rules/52b75787-7011-11ec-a23d-005056a78fd5/volume+delete"
```

Delete a multi-admin-verify rule

DELETE /security/multi-admin-verify/rules/{owner.uuid}/{operation}

Introduced In: 9.11

Deletes a multi-admin-verify rule.

Parameters

| Name | Type | In | Required | Description |
|------------|--------|------|----------|-------------|
| owner.uuid | string | path | True | |
| operation | string | path | True | |

Response

```
Status: 200, Ok
```

Error

Status: Default

ONTAP Error Response Codes

| Error Code | Description |
|------------|--|
| 262310 | System rules cannot be deleted or have their query modified. |

| 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 a multi-admin-verify rule

GET /security/multi-admin-verify/rules/{owner.uuid}/{operation}

Introduced In: 9.11

Retrieves a multi-admin-verify rule.

Parameters

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

Response

Status: 200, Ok

| Name | Type | Description |
|---------------------|------------------------|---|
| approval_expiry | string | Time for requests to be approved, in ISO-8601 duration format. If not set, the global setting is used. |
| approval_groups | array[approval_groups] | List of approval groups that are allowed to approve requests for rules that don't have approval groups. |
| auto_request_create | boolean | When true, ONTAP automatically creates a request for any failed operation where there is no matching pending request. <ul style="list-style-type: none"> • Default value: 1 • Introduced in: 9.11 |
| create_time | string | |
| execution_expiry | string | Time for requests to be executed once approved, in ISO-8601 duration format. If not set, the global setting is used. |
| operation | string | Command that requires one or more approvals. |
| owner | owner | The owner of the rule. The only valid owner is currently the cluster. |
| query | string | When specified, this property limits the entries that require approvals to those that match the specified query. |
| required_approvers | integer | The number of required approvers, excluding the user that made the request. |
| system_defined | boolean | Specifies whether the rule is system-defined or user-defined. |

Example response

```
{
  "approval_groups": {
  },
  "create_time": "string",
  "owner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
  },
  "name": "svm1",
  "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
}
```

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

approval_groups

| Name | Type | Description |
|------|--------|-----------------------------|
| name | string | Name of the approval group. |

href

| Name | Type | Description |
|------|--------|-------------|
| href | string | |

_links

| Name | Type | Description |
|------|----------------------|-------------|
| self | href | |

owner

The owner of the rule. The only valid owner is currently the cluster.

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

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 |

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

Update a multi-admin-verify rule

PATCH /security/multi-admin-verify/rules/{owner.uuid}/{operation}

Introduced In: 9.11

Updates a multi-admin-verify rule.

Parameters

| Name | Type | In | Required | Description |
|------------|--------|------|----------|-------------|
| owner.uuid | string | path | True | |
| operation | string | path | True | |

Request Body

| Name | Type | Description |
|---------------------|------------------------|---|
| approval_expiry | string | Time for requests to be approved, in ISO-8601 duration format. If not set, the global setting is used. |
| approval_groups | array[approval_groups] | List of approval groups that are allowed to approve requests for rules that don't have approval groups. |
| auto_request_create | boolean | When true, ONTAP automatically creates a request for any failed operation where there is no matching pending request. <ul style="list-style-type: none"> • Default value: 1 • Introduced in: 9.11 |
| create_time | string | |
| execution_expiry | string | Time for requests to be executed once approved, in ISO-8601 duration format. If not set, the global setting is used. |

| Name | Type | Description |
|--------------------|-----------------------|--|
| operation | string | Command that requires one or more approvals. |
| owner | owner | The owner of the rule. The only valid owner is currently the cluster. |
| query | string | When specified, this property limits the entries that require approvals to those that match the specified query. |
| required_approvers | integer | The number of required approvers, excluding the user that made the request. |
| system_defined | boolean | Specifies whether the rule is system-defined or user-defined. |

Example request

```
{
  "approval_groups": {
  },
  "create_time": "string",
  "owner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
  },
  "name": "svm1",
  "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
}
```

Response

```
Status: 200, Ok
```

Error

Status: Default

ONTAP Error Response Codes

| Error Code | Description |
|------------|---|
| 262310 | System rules cannot be deleted or have their query modified. |
| 262311 | Value must be greater than zero. |
| 262312 | Number of required approvers must be less than the total number of unique approvers in the approval-groups. |
| 262313 | Number of unique approvers in the approval-groups must be greater than the number of required approvers. |
| 262316 | Value must be in the range one second to two weeks. |

| 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

approval_groups

| Name | Type | Description |
|------|--------|-----------------------------|
| name | string | Name of the approval group. |

href

| Name | Type | Description |
|------|--------|-------------|
| href | string | |

_links

| Name | Type | Description |
|------|----------------------|-------------|
| self | href | |

owner

The owner of the rule. The only valid owner is currently the cluster.

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

multi_admin_verify_rule

| Name | Type | Description |
|-----------------|--|---|
| approval_expiry | string | Time for requests to be approved, in ISO-8601 duration format. If not set, the global setting is used. |
| approval_groups | array[approval_groups] | List of approval groups that are allowed to approve requests for rules that don't have approval groups. |

| Name | Type | Description |
|---------------------|-----------------------|---|
| auto_request_create | boolean | When true, ONTAP automatically creates a request for any failed operation where there is no matching pending request. <ul style="list-style-type: none"> • Default value: 1 • Introduced in: 9.11 |
| create_time | string | |
| execution_expiry | string | Time for requests to be executed once approved, in ISO-8601 duration format. If not set, the global setting is used. |
| operation | string | Command that requires one or more approvals. |
| owner | owner | The owner of the rule. The only valid owner is currently the cluster. |
| query | string | When specified, this property limits the entries that require approvals to those that match the specified query. |
| required_approvers | integer | The number of required approvers, excluding the user that made the request. |
| system_defined | boolean | Specifies whether the rule is system-defined or user-defined. |

error_arguments

| Name | Type | Description |
|---------|--------|------------------|
| code | string | Argument code |
| message | string | Message argument |

error

| Name | Type | Description |
|-----------|--|-------------------|
| arguments | array[error_arguments] | Message arguments |

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

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