



# **Manage EMS role-based configurations**

ONTAP 9.14.1 REST API reference

NetApp

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# Manage EMS role-based configurations

## Support EMS role-configs access\_control\_role.name endpoint overview

### Overview

Manages the EMS role-based configuration of a specific access control role.

## See the documentation for </support/ems/role-configs> for details on the various properties.

### Examples

Retrieving the EMS role-based configuration of an access control role

```

# The API:
GET /api/support/ems/role-configs/{access_control_role.name}

# The call:
curl -X GET "https://<mgmt-ip>/api/support/ems/role-configs/storage-admin"
-H "accept: application/hal+json"

# The response:
200 OK

# JSON Body
{
  "access_control_role": {
    "name": "storage-admin",
    "_links": {
      "self": {
        "href": "/api/security/roles/0b2580c8-de36-4213-bfca-
88cdaaaf3ae6/storage-admin"
      }
    }
  },
  "event_filter": {
    "name": "storage-admin-events",
    "_links": {
      "self": {
        "href": "/api/support/ems/filters/storage-admin-events"
      }
    }
  },
  "limit_access_to_global_configs": true
},
  "_links": {
    "self": {
      "href": "/api/support/ems/role-configs/storage-admin"
    }
  }
}

```

## Updating the EMS role-based configuration of an access control role

```
# The API:
PATCH /api/support/ems/event-configs/{access_control_role.name}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/support/ems/role-configs/storage-admin" -H "accept: application/hal+json" -H "Content-Type: application/json" -d "@role_configs_patch.txt"
role_configs_patch.txt (body):
{
  "event_filter": {
    "name": "new-storage-admin-events"
  },
  "limit_access_to_global_configs": false
}

# The response:
200 OK
```

## Removing the EMS role-based configuration of an access control role

```
# The API:
DELETE /api/support/ems/role-configs/{access_control_role.name}

# The call:
curl -X DELETE "https://<mgmt-ip>/api/support/ems/role-configs/storage-admin" -H "accept: application/hal+json"

# The response:
200 OK
```

## Remove the EMS role-based configuration for an access control role

```
DELETE /support/ems/role-configs/{access_control_role.name}
```

**Introduced In:** 9.13

Removes the EMS role-based configuration of the access control role.

## Related ONTAP commands

- `event role-config delete`

## Parameters

| Name                     | Type   | In   | Required | Description              |
|--------------------------|--------|------|----------|--------------------------|
| access_control_role.name | string | path | True     | Access control 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[error_arguments] | Message arguments                           |
| code      | string                 | Error code                                  |
| message   | string                 | Error message                               |
| target    | string                 | The target parameter that caused the error. |

## Retrieve the EMS role-based configuration for an access control role

GET /support/ems/role-configs/{access\_control\_role.name}

**Introduced In:** 9.13

Retrieves the EMS role-based configuration of the access control role.

## Related ONTAP commands

- `event role-config show`

## Parameters

| Name                     | Type          | In    | Required | Description                   |
|--------------------------|---------------|-------|----------|-------------------------------|
| access_control_role.name | string        | path  | True     | Access control role name      |
| fields                   | array[string] | query | False    | Specify the fields to return. |

## Response

Status: 200, Ok

| Name                           | Type                                | Description   |
|--------------------------------|-------------------------------------|---|
| _links                         | <a href="#">_links</a>              |   |
| access_control_role            | <a href="#">access_control_role</a> | Access control role that the event filter is assigned to.                             |
| event_filter                   | <a href="#">event_filter</a>        | Event filter that is assigned to the access control role.                             |
| limit_access_to_global_configs | boolean                             | Indicates whether the access control has limited access to global EMS configurations. |

### Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "access_control_role": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "admin"
  },
  "event_filter": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "important-events"
  }
}
```



## 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 |
|------|----------------------|-------------|
| self | <a href="#">href</a> |             |

access\_control\_role

Access control role that the event filter is assigned to.

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

event\_filter

Event filter that is assigned to the access control role.

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

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 the EMS role-based configuration for an access control role

PATCH /support/ems/role-configs/{access\_control\_role.name}

Introduced In: 9.13

Updates the EMS role-based configuration of the access control role.

### Recommended optional properties

- `event_filter` - Identifies the event filter.
- `limit_access_to_global_configs` - Indicates whether the access control role has limited access to global EMS configurations.

### Related ONTAP commands

- `event role-config modify`

### Parameters

| Name                     | Type   | In   | Required | Description              |
|--------------------------|--------|------|----------|--------------------------|
| access_control_role.name | string | path | True     | Access control role name |

### Request Body

| Name                           | Type                                | Description   |
|--------------------------------|-------------------------------------|---|
| <a href="#">_links</a>         | <a href="#">_links</a>              |   |
| access_control_role            | <a href="#">access_control_role</a> | Access control role that the event filter is assigned to.                             |
| event_filter                   | <a href="#">event_filter</a>        | Event filter that is assigned to the access control role.                             |
| limit_access_to_global_configs | boolean                             | Indicates whether the access control has limited access to global EMS configurations. |

## Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "access_control_role": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "admin"
  },
  "event_filter": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "important-events"
  }
}
```

## Response

Status: 200, Ok

## Error

Status: Default

### ONTAP Error Response Codes

| Error Code | Description   |
|------------|---|
| 983197     | The event filter provided is the same as the currently assigned filter. |
| 983198     | The event filter provided does not exist.                               |

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

| 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 |
|------|----------------------|-------------|
| self | <a href="#">href</a> |             |

access\_control\_role

Access control role that the event filter is assigned to.

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

event\_filter

Event filter that is assigned to the access control role.

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

ems\_role\_config

| Name                           | Type                                | Description   |
|--------------------------------|-------------------------------------|---|
| _links                         | <a href="#">_links</a>              |   |
| access_control_role            | <a href="#">access_control_role</a> | Access control role that the event filter is assigned to.                             |
| event_filter                   | <a href="#">event_filter</a>        | Event filter that is assigned to the access control role.                             |
| limit_access_to_global_configs | boolean                             | Indicates whether the access control has limited access to global EMS configurations. |

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. |

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