



# **Manage EMS role configurations**

ONTAP 9.13.1 REST API reference

NetApp  
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# Manage EMS role 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
```

## Delete EMS role-based configurations

```
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	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[ <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 EMS role-based configurations

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	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	<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

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 EMS role-based configurations

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
_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 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.

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	<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

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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