



Manage EMS role-based configurations

ONTAP 9.14.1 REST API reference

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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	returned_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

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	_links	
access_control_role	access_control_role	Access control role that the event filter is assigned to.
event_filter	event_filter	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	returned_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	

access_control_role

Access control role that the event filter is assigned to.

Name	Type	Description
_links	_links	
name	string	Role name

event_filter

Event filter that is assigned to the access control role.

Name	Type	Description
_links	_links	
name	string	

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

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
_links	_links	
access_control_role	access_control_role	Access control role that the event filter is assigned to.
event_filter	event_filter	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	returned_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	

access_control_role

Access control role that the event filter is assigned to.

Name	Type	Description
_links	_links	
name	string	Role name

event_filter

Event filter that is assigned to the access control role.

Name	Type	Description
_links	_links	
name	string	

ems_role_config

Name	Type	Description
_links	_links	
access_control_role	access_control_role	Access control role that the event filter is assigned to.
event_filter	event_filter	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[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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