



# **Manage EMS role-based configurations**

ONTAP 9.14.1 REST API reference

NetApp  
May 23, 2024

# Table of Contents

- Manage EMS role-based configurations ..... 1
  - Support EMS role-configs access\_control\_role.name endpoint overview ..... 1
  - Remove the EMS role-based configuration for an access control role ..... 3
  - Retrieve the EMS role-based configuration for an access control role ..... 5
  - Update the EMS role-based configuration for an access control role ..... 9

# 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
<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 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
<code>_links</code>	<a href="#">_links</a>	
<code>access_control_role</code>	<a href="#">access_control_role</a>	Access control role that the event filter is assigned to.
<code>event_filter</code>	<a href="#">event_filter</a>	Event filter that is assigned to the access control role.
<code>limit_access_to_global_configs</code>	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.

## Copyright information

Copyright © 2024 NetApp, Inc. All Rights Reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system—without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

## Trademark information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.