



# **Manage EMS configuration**

## **ONTAP 9.14.1 REST API reference**

NetApp  
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# Manage EMS configuration

## Support EMS endpoint overview

### Overview

This endpoint is used to configure general parameters of the Event Management System (EMS).

### Examples

#### Configuring the system-wide email parameters

```
# The API:
PATCH /support/ems

# The call:
curl -X PATCH "https://<mgmt-ip>/api/support/ems" -H "accept:
application/hal+json" -H "Content-Type: application/json" -d
"@test_ems_config_patch.txt"
test_ems_config_patch.txt (body):
{
  "mail_from": "administrator@mycompany.com",
  "mail_server": "smtp@mycompany.com"
}

# The response:
200 OK
```

#### Retrieving the EMS configuration

The following example retrieves EMS configuration for the cluster.

```
# The API:
GET /support/ems

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

# The response:
200 OK
{
  "mail_from": "admin@localhost",
  "mail_server": "localhost",
  "pubsub_enabled": true,
  "_links": {
    "self": {
      "href": "/api/support/ems"
    }
  }
}
```

## Retrieve an EMS configuration

GET /support/ems

**Introduced In:** 9.6

Retrieves the EMS configuration.

### Related ONTAP commands

- `event config show`

### Parameters

| Name   | Type          | In    | Required | Description                   |
|--------|---------------|-------|----------|-------------------------------|
| fields | array[string] | query | False    | Specify the fields to return. |

### Response

Status: 200, Ok

| Name           | Type                   | Description                             |
|----------------|------------------------|---|
| _links         | <a href="#">_links</a> |   |
| mail_from      | string                 | Mail from                               |
| mail_server    | string                 | Mail server (SMTP)                      |
| proxy_password | string                 | Password for HTTP/HTTPS proxy           |
| proxy_url      | string                 | HTTP/HTTPS proxy URL                    |
| proxy_user     | string                 | User name for HTTP/HTTPS proxy          |
| pubsub_enabled | boolean                | Is Publish/Subscribe Messaging Enabled? |

### Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "mail_from": "<a href="
mailto:administrator@mycompany.com">administrator@mycompany.com</a>",
  "mail_server": "mail.mycompany.com",
  "proxy_password": "password",
  "proxy_url": "https://proxyserver.mycompany.com",
  "proxy_user": "proxy_user",
  "pubsub_enabled": 1
}
```

### 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> |             |

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. |

## Update an EMS configuration

PATCH `/support/ems`

**Introduced In:** 9.6

Updates the EMS configuration.

### Related ONTAP commands

- `event config modify`

## Request Body

| Name           | Type                   | Description                             |
|----------------|------------------------|---|
| _links         | <a href="#">_links</a> |   |
| mail_from      | string                 | Mail from                               |
| mail_server    | string                 | Mail server (SMTP)                      |
| proxy_password | string                 | Password for HTTP/HTTPS proxy           |
| proxy_url      | string                 | HTTP/HTTPS proxy URL                    |
| proxy_user     | string                 | User name for HTTP/HTTPS proxy          |
| pubsub_enabled | boolean                | Is Publish/Subscribe Messaging Enabled? |

### Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "mail_from": "<a href=
mailto:administrator@mycompany.com>administrator@mycompany.com</a>",
  "mail_server": "mail.mycompany.com",
  "proxy_password": "password",
  "proxy_url": "https://proxyserver.mycompany.com",
  "proxy_user": "proxy_user",
  "pubsub_enabled": 1
}
```

## Response

Status: 200, Ok

## Error



Status: Default

## ONTAP Error Response Codes

| Error Code | Description  |
|------------|--|
| 983123     | The validation of the mail server provided failed                                      |
| 983136     | The proxy URL cannot contain a username or password                                    |
| 983137     | The proxy URL provided is invalid  |
| 983139     | The IPv6 proxy URL provided is invalid   |
| 983140     | The proxy URL provided contains an invalid scheme. The only supported scheme is 'http' |
| 983160     | The provided parameter requires an effective cluster version of ONTAP 9.9.1 or later   |

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> |             |

ems\_config

| Name           | Type                   | Description                             |
|----------------|------------------------|---|
| _links         | <a href="#">_links</a> |   |
| mail_from      | string                 | Mail from                               |
| mail_server    | string                 | Mail server (SMTP)                      |
| proxy_password | string                 | Password for HTTP/HTTPS proxy           |
| proxy_url      | string                 | HTTP/HTTPS proxy URL                    |
| proxy_user     | string                 | User name for HTTP/HTTPS proxy          |
| pubsub_enabled | boolean                | Is Publish/Subscribe Messaging Enabled? |

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        |

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

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