



Manage EMS configuration

ONTAP 9.6 REST API reference

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Manage EMS configuration

Support EMS endpoint overview

Overview

The Event Management System (EMS) collects and processes events, and sends notification of the events through various reporting mechanisms. The following endpoints defined under '/support/ems', allow you to query a list of observed events, and configure which events you handle and how you are notified:

- /support/ems
- /support/ems/events
- /support/ems/messages
- /support/ems/filters
- /support/ems/filters/{name}/rules
- /support/ems/filters/{name}/rules/{index}
- /support/ems/destinations
- /support/ems/destinations/{name}

Examples

Configuring an e-mail destination

The following example configures EMS to send a support e-mail when a WAFL event is observed with an error severity.

Configure the system-wide email parameters

```
# API
PATCH /support/ems

# JSON Body
{
  "mail_from": "administrator@mycompany.com",
  "mail_server": "smtp@mycompany.com"
}

# Response
200 OK
```

Configuring a filter with an enclosed rule

```
# API
POST /support/ems/filters

# JSON Body
{
  "name": "critical-wafl",
  "rules": [
    {
      "index": 1,
      "type": "include",
      "message_criteria": {
        "name_pattern": "wafl.*",
        "severities": "emergency,error,alert"
      }
    }
  ]
}

# Response
201 Created
```

Setting up an email destination

```
# API
POST /support/ems/destinations

# JSON Body
{
  "name": "Technician_Email",
  "type": "email",
  "destination": "technician@mycompany.com",
  "filters": [
    { "name" : "critical-wafl" }
  ]
}

# Response
201 Created
```

Retrieve EMS configuration

GET /support/ems

Retrieves the EMS configuration.

Related ONTAP commands

- `event config show`

Learn more

- [DOC /support/ems](#)

Parameters

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

Response

Status: 200, Ok

| Name | Type | Description |
|----------------|------------------------|--------------------------------|
| _links | _links | |
| 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 |

Example response

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

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 | href | |

error_arguments

| Name | Type | Description |
|---------|--------|------------------|
| code | string | Argument code |
| message | string | Message argument |

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. |

Update EMS configuration

PATCH `/support/ems`

Updates the EMS configuration.

Related ONTAP commands

- `event config modify`

Learn more

- [DOC /support/ems](#)

Request Body

| Name | Type | Description |
|----------------|------------------------|--------------------------------|
| _links | _links | |
| 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 |

Example request

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

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. Supported schemes are 'http' or 'https' |

| 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 | href | |

ems_config

| Name | Type | Description |
|----------------|------------------------|--------------------------------|
| _links | _links | |
| 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 |

error_arguments

| Name | Type | Description |
|---------|--------|------------------|
| code | string | Argument code |
| message | string | Message argument |

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. |

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