



Manage EMS event catalog

ONTAP 9.8 REST API reference

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Manage EMS event catalog

Support EMS messages endpoint overview

Overview

Allows access to the EMS event catalog. The catalog contains a list of all events supported by the system and their corresponding descriptions, the reason for an event occurrence, and how to correct issues related to the event.

Example

Querying for the first event that has a message name beginning with 'C'

```
# API
GET /api/support/ems/messages?fields=name&max_records=1&name=C*

# Response
200 OK

# JSON Body
{
  "records": [
    {
      "name": "CR.Data.File.Inaccessible",
      "_links": {
        "self": {
          "href": "/api/support/ems/messages/CR.Data.File.Inaccessible"
        }
      }
    }
  ],
  "num_records": 1,
  "_links": {
    "self": {
      "href": "/api/support/ems/messages?fields=name&max_records=1&name=C*"
    }
  }
}
```

Retrieve event catalog definitions

GET /support/ems/messages

Introduced In: 9.6

Retrieves the event catalog definitions.

Related ONTAP commands

- `event catalog show`

Parameters

| Name | Type | In | Required | Description |
|-------------------|---------------|-------|----------|---|
| severity | string | query | False | Filter by severity |
| name | string | query | False | Filter by name |
| deprecated | boolean | query | False | Filter by deprecated |
| corrective_action | string | query | False | Filter by corrective_action |
| snmp_trap_type | string | query | False | Filter by snmp_trap_type |
| description | string | query | False | Filter by description |
| fields | array[string] | query | False | Specify the fields to return. |
| max_records | integer | query | False | Limit the number of records returned. |
| return_records | boolean | query | False | The default is true for GET calls. When set to false, only the number of records is returned. <ul style="list-style-type: none">• Default value: 1 |

| Name | Type | In | Required | Description |
|----------------|---------------|-------|----------|--|
| return_timeout | integer | query | False | <p>The number of seconds to allow the call to execute before returning. When iterating over a collection, the default is 15 seconds. ONTAP returns earlier if either max records or the end of the collection is reached.</p> <ul style="list-style-type: none"> • Default value: 1 • Max value: 120 • Min value: 0 |
| order_by | array[string] | query | False | Order results by specified fields and optional [asc |

Response

Status: 200, Ok

| Name | Type | Description |
|-------------|----------------------------------|-------------------|
| _links | _links | |
| num_records | integer | Number of records |
| records | array[records] | |

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": "3",
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "corrective_action": "string",
      "deprecated": 1,
      "description": "string",
      "name": "callhome.spares.low",
      "severity": "error",
      "snmp_trap_type": "standard"
    }
  ]
}
```

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 |
|------|----------------------|-------------|
| next | href | |
| self | href | |

_links

| Name | Type | Description |
|------|----------------------|-------------|
| self | href | |

records

| Name | Type | Description |
|-------------------|------------------------|--------------------|
| _links | _links | |
| corrective_action | string | Corrective action |
| deprecated | boolean | Is deprecated? |
| description | string | Description |
| name | string | Name of the event. |
| severity | string | Severity |
| snmp_trap_type | string | SNMP trap type |

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. |

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