



# **EMS event catalog**

## REST API reference

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# 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'

```
# The API:  
GET /api/support/ems/messages  
  
# The call:  
curl -X GET "https://<mgmt-  
ip>/api/support/ems/messages?fields=name&max_records=1&name=C*" -H  
"accept: application/hal+json"  
  
# The 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
description	string	query	False	Filter by description
deprecated	boolean	query	False	Filter by deprecated
name	string	query	False	Filter by name
snmp_trap_type	string	query	False	Filter by snmp_trap_type
corrective_action	string	query	False	Filter by corrective_action
severity	string	query	False	Filter by severity
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"><li>• Default value: 1</li></ul>

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"> <li>• Default value: 1</li> <li>• Max value: 120</li> <li>• Min value: 0</li> </ul>
order_by	array[string]	query	False	Order results by specified fields and optional [asc]

## Response

Status: 200, Ok

Name	Type	Description
_links	<a href="#">_links</a>	
num_records	integer	Number of records
records	array[records]	

## Example response

```
{  
  "_links": {  
    "next": {  
      "href": "/api/resourcelink"  
    },  
    "self": {  
      "href": "/api/resourcelink"  
    }  
  },  
  "num_records": 1,  
  "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 of the event.
name	string	Name of the event.
severity	string	Severity
snmp_trap_type	string	SNMP trap type
stateful	boolean	Indicates whether the event is stateful. A stateful event tracks state changes of a system condition and reflects the current system condition while a stateless event simply reports a certain system condition that has occurred sometime in the past.

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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