



Manage AutoSupport messages

ONTAP 9.13.1 REST API reference

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Manage AutoSupport messages

Support AutoSupport messages endpoint overview

Overview

Use this API to invoke and retrieve AutoSupport messages from the nodes in the cluster.

This API supports POST and GET calls. Use a POST call to invoke AutoSupport and a GET call to retrieve AutoSupport messages.

Examples

Invoking an AutoSupport on all nodes in the cluster

The following example invokes an AutoSupport on every node in the cluster. Note that AutoSupport is invoked on all nodes in the cluster if the `node` parameter is omitted. Also, note that the `subject` line is the same when invoking on all nodes.

By default, the response is an empty object. If `return_records=true` is passed in the request, the response includes information about the node and the index of the invoked AutoSupport message.

```
# The API:
POST /support/autosupport/messages

# The call:
curl -X POST "https://<mgmt-
ip>/api/support/autosupport/messages?return_records=true" -H "accept:
application/hal+json" -H "Content-Type: application/json" -d "{
 \"message\": \"test_msg\", \"type\": \"all\"}"

# The response:
201 CREATED
{
  "num_records": 2,
  "records": [
    {
      "index": 4,
      "node": {
        "name": "node1",
        "uuid": "092e0298-f250-11e8-9a05-005056bb6666",
        "_links": {
          "self": {
            "href": "/api/cluster/nodes/092e0298-f250-11e8-9a05-
005056bb6666"
          }
        }
      }
    }
  ]
}
```

```

    }
  },
  "_links": {
    "self": {
      "href": "/api/support/autosupport/messages/092e0298-f250-11e8-9a05-005056bb6666/4"
    }
  }
},
{
  "index": 2,
  "node": {
    "name": "node2",
    "uuid": "e47d2630-f250-11e8-b186-005056bb5cab",
    "_links": {
      "self": {
        "href": "/api/cluster/nodes/e47d2630-f250-11e8-b186-005056bb5cab"
      }
    }
  },
  "_links": {
    "self": {
      "href": "/api/support/autosupport/messages/e47d2630-f250-11e8-b186-005056bb5cab/2"
    }
  }
}
],
"_links": {
  "self": {
    "href": "/api/support/autosupport/messages/"
  }
}
}
}

```

Invoking an AutoSupport on a single node

The following examples invoke an AutoSupport on a single node in the cluster. Note that AutoSupport is invoked on all nodes in the cluster if the `node` parameter is omitted. You can specify the node-name with either `node` or `node.name` parameter. You can also specify UUID of the node with the `node.uuid` parameter.

By default, the response is an empty object. If `return_records=true` is passed in the request, the response includes information about the node and the index of the invoked AutoSupport message.

```

# The API:
POST /support/autosupport/messages

# The call:
curl -X POST "https://<mgmt-
ip>/api/support/autosupport/messages?return_records=true" -H "accept:
application/hal+json" -H "Content-Type: application/json" -d "{
\"message\": \"test_msg\", \"type\": \"test\", \"node\": { \"name\":
\"node1\" }}"

# The response:
201 CREATED
{
  "num_records": 1,
  "records": [
    {
      "index": 8,
      "node": {
        "name": "node1",
        "uuid": "092e0298-f250-11e8-9a05-005056bb6666",
        "_links": {
          "self": {
            "href": "/api/cluster/nodes/092e0298-f250-11e8-9a05-
005056bb6666"
          }
        }
      },
      "_links": {
        "self": {
          "href": "/api/support/autosupport/messages/092e0298-f250-11e8-
9a05-005056bb6666/8"
        }
      }
    }
  ],
  "_links": {
    "self": {
      "href": "/api/support/autosupport/messages/"
    }
  }
}

```

```

# The call:
curl -X POST "https://<mgmt-
ip>/api/support/autosupport/messages?return_records=true" -H "accept:
application/hal+json" -H "Content-Type: application/json" -d "{
\"message\": \"test_msg\", \"type\": \"test\", \"node.name\": \"node2\"}"

# The response:
201 CREATED
{
  "num_records": 1,
  "records": [
    {
      "index": 4,
      "node": {
        "name": "node2",
        "uuid": "e47d2630-f250-11e8-b186-005056bb5cab",
        "_links": {
          "self": {
            "href": "/api/cluster/nodes/e47d2630-f250-11e8-b186-
005056bb5cab"
          }
        }
      },
      "_links": {
        "self": {
          "href": "/api/support/autosupport/messages/e47d2630-f250-11e8-
b186-005056bb5cab/4"
        }
      }
    }
  ],
  "_links": {
    "self": {
      "href": "/api/support/autosupport/messages/"
    }
  }
}

```

```

# The call:
curl -X POST "https://<mgmt-
ip>/api/support/autosupport/messages?return_records=true" -H "accept:
application/hal+json" -H "Content-Type: application/json" -d "{
\"message\": \"test_msg\", \"type\": \"test\", \"node.uuid\": \"092e0298-
f250-11e8-9a05-005056bb6666\"}"

# The response:
201 CREATED
{
  "num_records": 1,
  "records": [
    {
      "index": 5,
      "node": {
        "name": "node1",
        "uuid": "092e0298-f250-11e8-9a05-005056bb6666",
        "_links": {
          "self": {
            "href": "/api/cluster/nodes/092e0298-f250-11e8-9a05-
005056bb6666"
          }
        }
      },
      "_links": {
        "self": {
          "href": "/api/support/autosupport/messages/092e0298-f250-11e8-
9a05-005056bb6666/5"
        }
      }
    }
  ],
  "_links": {
    "self": {
      "href": "/api/support/autosupport/messages/"
    }
  }
}

```

Retrieving AutoSupport messages from all nodes in the cluster

The following example retrieves AutoSupport messages from every node in the cluster. Note that if the *fields=** parameter is not specified, only node, index, and destination fields are returned. Filters can be added on the fields to limit the results.

```

# The API:
GET /support/autosupport/messages

# The call:
curl -X GET "https://<mgmt-
ip>/api/support/autosupport/messages?fields=*&return_timeout=15" -H
"accept: application/hal+json"

# The response:
200 OK
{
"records": [
  {
    "node": {
      "uuid": "092e0298-f250-11e8-9a05-005056bb6666",
      "name": "node1",
      "_links": {
        "self": {
          "href": "/api/cluster/nodes/092e0298-f250-11e8-9a05-
005056bb6666"
        }
      }
    },
    "index": 1,
    "destination": "smtp",
    "subject": "USER_TRIGGERED (TEST:test_msg)",
    "state": "ignore",
    "generated_on": "2019-03-28T10:18:04-04:00",
    "_links": {
      "self": {
        "href": "/api/support/autosupport/messages/092e0298-f250-11e8-
9a05-005056bb6666/1/smtp"
      }
    }
  },
  {
    "node": {
      "uuid": "092e0298-f250-11e8-9a05-005056bb6666",
      "name": "node1",
      "_links": {
        "self": {
          "href": "/api/cluster/nodes/092e0298-f250-11e8-9a05-
005056bb6666"
        }
      }
    }
  }
]
}

```



```

    },
    "index": 1,
    "destination": "http",
    "subject": "USER_TRIGGERED (TEST:test_msg)",
    "state": "sent_successful",
    "generated_on": "2019-03-28T10:18:04-04:00",
    "_links": {
      "self": {
        "href": "/api/support/autosupport/messages/092e0298-f250-11e8-9a05-005056bb6666/1/http"
      }
    }
  },
  {
    "node": {
      "uuid": "092e0298-f250-11e8-9a05-005056bb6666",
      "name": "node1",
      "_links": {
        "self": {
          "href": "/api/cluster/nodes/092e0298-f250-11e8-9a05-005056bb6666"
        }
      }
    },
    "index": 1,
    "destination": "noteto",
    "subject": "USER_TRIGGERED (TEST:test_msg)",
    "state": "ignore",
    "generated_on": "2019-03-28T10:18:04-04:00",
    "_links": {
      "self": {
        "href": "/api/support/autosupport/messages/092e0298-f250-11e8-9a05-005056bb6666/1/noteto"
      }
    }
  },
  {
    "node": {
      "uuid": "e47d2630-f250-11e8-b186-005056bb5cab",
      "name": "node2",
      "_links": {
        "self": {
          "href": "/api/cluster/nodes/e47d2630-f250-11e8-b186-005056bb5cab"
        }
      }
    }
  }
}

```

```

},
"index": 1,
"destination": "smtp",
"subject": "USER_TRIGGERED (TEST:test_msg)",
"state": "ignore",
"generated_on": "2019-03-28T10:18:06-04:00",
"_links": {
  "self": {
    "href": "/api/support/autosupport/messages/e47d2630-f250-11e8-
b186-005056bb5cab/1/smtp"
  }
}
},
{
  "node": {
    "uuid": "e47d2630-f250-11e8-b186-005056bb5cab",
    "name": "node2",
    "_links": {
      "self": {
        "href": "/api/cluster/nodes/e47d2630-f250-11e8-b186-
005056bb5cab"
      }
    }
  },
  "index": 1,
  "destination": "http",
  "subject": "USER_TRIGGERED (TEST:test_msg)",
  "state": "sent_successful",
  "generated_on": "2019-03-28T10:18:06-04:00",
  "_links": {
    "self": {
      "href": "/api/support/autosupport/messages/e47d2630-f250-11e8-
b186-005056bb5cab/1/http"
    }
  }
},
{
  "node": {
    "uuid": "e47d2630-f250-11e8-b186-005056bb5cab",
    "name": "node2",
    "_links": {
      "self": {
        "href": "/api/cluster/nodes/e47d2630-f250-11e8-b186-
005056bb5cab"
      }
    }
  }
}

```

```

    },
    "index": 1,
    "destination": "noteto",
    "subject": "USER_TRIGGERED (TEST:test_msg)",
    "state": "ignore",
    "generated_on": "2019-03-28T10:18:06-04:00",
    "_links": {
      "self": {
        "href": "/api/support/autosupport/messages/e47d2630-f250-11e8-
b186-005056bb5cab/1/noteto"
      }
    }
  ],
  "num_records": 6,
  "_links": {
    "self": {
      "href": "/api/support/autosupport/messages?fields=*&return_timeout=15"
    }
  }
}

```

Retrieving AutoSupport messages from a specific node and has 'sent_successful' state

The following example retrieves AutoSupport messages from a specific node in the cluster. Note that if the `fields=*` parameter is not specified, only `node`, `index`, and `destination` fields are returned. This example uses a filter on the `node.name` and `state` fields. You can add filters to any fields in the response.

```

# The API:
GET /support/autosupport/messages

# The call:
curl -X GET "https://<mgmt-
ip>/api/support/autosupport/messages?node.name=node1&state=sent_successful
&fields=*&return_timeout=15" -H "accept: application/hal+json"

# The response:
200 OK
{
"records": [
  {
    "node": {
      "uuid": "092e0298-f250-11e8-9a05-005056bb6666",
      "name": "node1",
      "_links": {
        "self": {
          "href": "/api/cluster/nodes/092e0298-f250-11e8-9a05-
005056bb6666"
        }
      }
    },
    "index": 1,
    "destination": "http",
    "subject": "USER_TRIGGERED (TEST:test_msg)",
    "state": "sent_successful",
    "generated_on": "2019-03-28T10:18:04-04:00",
    "_links": {
      "self": {
        "href": "/api/support/autosupport/messages/092e0298-f250-11e8-
9a05-005056bb6666/1/http"
      }
    }
  }
],
"num_records": 1,
"_links": {
  "self": {
    "href":
"/api/support/autosupport/messages?node.name=node1&state=sent_successful&f
ields=*&return_timeout=15"
  }
}
}

```

Retrieve AutoSupport message history

GET /support/autosupport/messages

Introduced In: 9.6

Retrieves AutoSupport message history from all nodes in the cluster.

There can be a short delay on invoked AutoSupport messages showing in history, dependent on processing of other AutoSupports in the queue.

Related ONTAP commands

- `system node autosupport history show`

Learn more

- [DOC /support/autosupport/messages](#)

Parameters

| Name | Type | In | Required | Description |
|---------------|---------|-------|----------|-------------------------|
| node.uuid | string | query | False | Filter by node.uuid |
| node.name | string | query | False | Filter by node.name |
| destination | string | query | False | Filter by destination |
| state | string | query | False | Filter by state |
| generated_on | string | query | False | Filter by generated_on |
| index | integer | query | False | Filter by index |
| subject | string | query | False | Filter by subject |
| error.message | string | query | False | Filter by error.message |
| error.code | integer | query | False | Filter by error.code |

| Name | Type | In | Required | Description |
|--|----------------|---------------|----------|---|
| return_records | boolean | query | False | The default is true for GET calls. When set to false, only the number of records is returned. • Default value: 1 |
| order_by | array[string] | query | False | Order results by specified fields and optional [asc |
| desc] direction. Default direction is 'asc' for ascending. | fields | array[string] | query | False |
| Specify the fields to return. | max_records | integer | query | False |
| Limit the number of records returned. | return_timeout | integer | query | False |

Response

Status: 200, Ok

| Name | Type | Description |
|-------------|--|--------------------------------------|
| _links | _links | |
| num_records | integer | Number of records |
| records | array[autosupport_message] | List of messages invoked on the node |

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": {
    "destination": "http",
    "error": {
      "code": "53149746",
      "message": "Could not resolve host: test.com"
    },
    "generated_on": "2019-03-25 21:30:04 +0000",
    "index": 9,
    "message": "invoked_test_autosupport_rest",
    "node": {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "node1",
      "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
    },
    "state": "sent_successful",
    "subject": "WEEKLY_LOG",
    "type": "test",
    "uri": "http://1.2.3.4/delivery_uri"
  }
}
```

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 | |

error

Last error during delivery attempt. Empty if "status=sent-successful".

| Name | Type | Description |
|---------|---------|---------------|
| code | integer | Error code |
| message | string | Error message |

_links

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

node

| Name | Type | Description |
|--------|------------------------|-------------|
| _links | _links | |
| name | string | |
| uuid | string | |

autosupport_message

| Name | Type | Description |
|-------------|-----------------------|--|
| destination | string | Destination for the AutoSupport |
| error | error | Last error during delivery attempt. Empty if "status=sent-successful". |

| Name | Type | Description |
|--------------|----------------------|--|
| generated_on | string | Date and Time of AutoSupport generation in ISO-8601 format |
| index | integer | Sequence number of the AutoSupport |
| message | string | Message included in the AutoSupport subject |
| node | node | |
| state | string | State of AutoSupport delivery |
| subject | string | Subject line for the AutoSupport |
| type | string | Type of AutoSupport collection to issue |
| uri | string | Alternate destination for the AutoSupport |

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. |

Create and send an AutoSupport message

POST /support/autosupport/messages

Introduced In: 9.6

Creates and sends an AutoSupport message with the provided input parameters.

Important note:

- By default, the response is an empty object. If `return_records=true` is passed in the request, the response includes information about the node and the index of the invoked AutoSupport message.

Recommended optional properties

- `message` - Message included in the AutoSupport subject. Use this to identify the generated AutoSupport message.

Default property values

If not specified in POST, the following are the default property values:

- `type` - *all*
- `node.name` or `node.uuid` - Not specifying these properties invokes AutoSupport on all nodes in the cluster.

Related ONTAP commands

- `system node autosupport invoke`

Learn more

- [DOC /support/autosupport/messages](#)

Parameters

| Name | Type | In | Required | Description |
|----------------|---------|-------|----------|---|
| return_records | boolean | query | False | The default is false. If set to true, the records are returned. <ul style="list-style-type: none">• Default value: |

Request Body

| Name | Type | Description |
|-------------|--------|---------------------------------|
| destination | string | Destination for the AutoSupport |

| Name | Type | Description |
|--------------|-----------------------|--|
| error | error | Last error during delivery attempt. Empty if "status=sent-successful". |
| generated_on | string | Date and Time of AutoSupport generation in ISO-8601 format |
| index | integer | Sequence number of the AutoSupport |
| message | string | Message included in the AutoSupport subject |
| node | node | |
| state | string | State of AutoSupport delivery |
| subject | string | Subject line for the AutoSupport |
| type | string | Type of AutoSupport collection to issue |
| uri | string | Alternate destination for the AutoSupport |

Example request

```
{
  "destination": "http",
  "error": {
    "code": "53149746",
    "message": "Could not resolve host: test.com"
  },
  "generated_on": "2019-03-25 21:30:04 +0000",
  "index": 9,
  "message": "invoked_test_autosupport_rest",
  "node": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "node1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "state": "sent_successful",
  "subject": "WEEKLY_LOG",
  "type": "test",
  "uri": "http://1.2.3.4/delivery_uri"
}
```

Response

Status: 201, Created

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

Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 3,
  "records": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "index": 9,
    "node": {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "node1",
      "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
    }
  }
}
```

Headers

| Name | Description | Type |
|----------|---|--------|
| Location | Useful for tracking the resource location | string |

Error

Status: Default

ONTAP Error Response Codes

| Error Code | Description |
|------------|--|
| 8650866 | The message parameter is not supported with performance AutoSupports |

| Error Code | Description |
|------------|---|
| 53149748 | The destination URI provided for the invoked AutoSupport is invalid |

| 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

error

Last error during delivery attempt. Empty if "status=sent-successful".

| Name | Type | Description |
|---------|---------|---------------|
| code | integer | Error code |
| message | string | Error message |

href

| Name | Type | Description |
|------|--------|-------------|
| href | string | |

_links

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

node

| Name | Type | Description |
|--------|------------------------|-------------|
| _links | _links | |
| name | string | |
| uuid | string | |

autosupport_message

| Name | Type | Description |
|--------------|-----------------------|--|
| destination | string | Destination for the AutoSupport |
| error | error | Last error during delivery attempt. Empty if "status=sent-successful". |
| generated_on | string | Date and Time of AutoSupport generation in ISO-8601 format |
| index | integer | Sequence number of the AutoSupport |
| message | string | Message included in the AutoSupport subject |

| Name | Type | Description |
|---------|----------------------|---|
| node | node | |
| state | string | State of AutoSupport delivery |
| subject | string | Subject line for the AutoSupport |
| type | string | Type of AutoSupport collection to issue |
| uri | string | Alternate destination for the AutoSupport |

records

| Name | Type | Description |
|------------------------|------------------------|--|
| _links | _links | |
| index | integer | Sequence number of the generated AutoSupport |
| node | node | |

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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