



Retrieve MetroCluster operations

REST API reference

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Retrieve MetroCluster operations

Cluster MetroCluster operations endpoint overview

Overview

Retrieves a list of recent MetroCluster operations. To view more information about a specific operation, use the `/cluster/metrocluster/operations/{uuid}` API endpoint.

Examples

Retrieves all MetroCluster operations

```
GET https://<mgmt-ip>/api/cluster/metrocluster/operations?fields=*
{
  "records": [
    {
      "uuid": "a14ae39f-8d85-11e9-b4a7-00505682dc8b",
      "type": "check",
      "state": "successful",
      "start_time": "2019-06-14T11:15:00-07:00",
      "end_time": "2019-06-14T11:16:08-07:00",
      "_links": {
        "self": {
          "href": "/api/cluster/metrocluster/operations/a14ae39f-8d85-11e9-b4a7-00505682dc8b"
        }
      }
    },
    {
      "uuid": "7058df27-8d85-11e9-bbc9-005056826931",
      "type": "configure",
      "state": "successful",
      "start_time": "2019-06-12T19:46:27-07:00",
      "end_time": "2019-06-12T19:48:17-07:00",
      "_links": {
        "self": {
          "href": "/api/cluster/metrocluster/operations/7058df27-8d85-11e9-bbc9-005056826931"
        }
      }
    },
    {
      "uuid": "7849515d-8d84-11e9-bbc9-005056826931",
```

```

    "type": "connect",
    "state": "successful",
    "start_time": "2019-06-12T19:39:30-07:00",
    "end_time": "2019-06-12T19:42:02-07:00",
    "_links": {
      "self": {
        "href": "/api/cluster/metrocluster/operations/7849515d-
8d84-11e9-bbc9-005056826931"
      }
    }
  },
  {
    "uuid": "331c79ad-8d84-11e9-b4a7-00505682dc8b",
    "type": "interface_create",
    "state": "successful",
    "start_time": "2019-06-12T19:37:35-07:00",
    "end_time": "2019-06-12T19:37:41-07:00",
    "_links": {
      "self": {
        "href": "/api/cluster/metrocluster/operations/331c79ad-
8d84-11e9-b4a7-00505682dc8b"
      }
    }
  }
],
"num_records": 4,
"_links": {
  "self": {
    "href": "/api/cluster/metrocluster/operations?fields=%2A"
  }
}
}

```

Retrieves Information about a specific MetroCluster operation

```
GET https://<mgmt-ip>/api/cluster/metrocluster/operations/0db12274-86fd-11e9-8053-00505682c342
{
  "uuid": "0db12274-86fd-11e9-8053-00505682c342",
  "name": "check",
  "state": "successful",
  "start_time": "2019-06-06T16:15:01-07:00",
  "end_time": "2019-06-06T16:16:05-07:00",
  "_links": {
    "self": {
      "href": "/api/cluster/metrocluster/operations/0db12274-86fd-11e9-8053-00505682c342"
    }
  }
}
```

Retrieve MetroCluster operations on the local cluster

GET /cluster/metrocluster/operations

Introduced In: 9.8

Retrieves the list of MetroCluster operations on the local cluster.

Related ONTAP Commands

- `metrocluster operation history show`

Learn more

- [DOC /cluster/metrocluster/operations](#)

Parameters

| Name | Type | In | Required | Description |
|-----------------|--------|-------|----------|---------------------------|
| errors | string | query | False | Filter by errors |
| uuid | string | query | False | Filter by uuid |
| type | string | query | False | Filter by type |
| additional_info | string | query | False | Filter by additional_info |

| Name | Type | In | Required | Description |
|----------------|---------------|-------|----------|--|
| command_line | string | query | False | Filter by command_line |
| end_time | string | query | False | Filter by end_time |
| state | string | query | False | Filter by state |
| start_time | string | query | False | Filter by start_time |
| 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 | <p>The default is true for GET calls. When set to false, only the number of records is returned.</p> <ul style="list-style-type: none"> • Default value: 1 |
| 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 | collection_links | |
| num_records | integer | Number of Records |
| records | array[metrocluster_operation] | |

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "additional_info": "MetroCluster switchover with auto heal
completed successfully.",
      "command_line": "metrocluster switchover",
      "end_time": "2016-03-10T14:35:16-08:00",
      "errors": [
        "siteB (warning): Unable to prepare the partner cluster for a
pending switchback operation. Reason: entry doesn't exist. Reboot the
nodes in the partner cluster before using the \"metrocluster
switchback\" command."
      ],
      "start_time": "2016-03-10T14:33:16-08:00",
      "state": "completed_with_warnings",
      "type": "switchover",
      "uuid": "11111111-2222-3333-4444-abcdefabcdef"
    }
  ]
}
```

Error

Status: Default

ONTAP Error Response Codes

| Error Code | Description |
|------------|---|
| 2425734 | An internal error occurred. Wait a few minutes, and try the operation again. For further assistance, contact technical support. |

| 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 | |

collection_links

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

self_link

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

metrocluster_operation

Data for a MetroCluster operation. REST: /api/cluster/metrocluster/operations

| Name | Type | Description |
|-----------------|---------------------------|---|
| _links | self_link | |
| additional_info | string | Additional information for the auto heal. |
| command_line | string | Command line executed with the options specified. |
| end_time | string | End Time |
| errors | array[string] | List of errors in the operation. |
| start_time | string | Start Time |
| state | string | Indicates the state of the operation. |
| type | string | Name of the operation. |
| uuid | string | Identifier for the operation. |

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. |

Retrieve information about a MetroCluster operation

GET /cluster/metrocluster/operations/{uuid}

Introduced In: 9.8

Retrieves information about a specific MetroCluster operation.

Related ONTAP Commands

- `metrocluster operation show`

Parameters

| Name | Type | In | Required | Description |
|--------|---------------|-------|----------|--------------------------------------|
| uuid | string | path | True | Unique identifier for the operation. |
| fields | array[string] | query | False | Specify the fields to return. |

Response

Status: 200, Ok

| Name | Type | Description |
|-----------------|---------------------------|---|
| _links | self_link | |
| additional_info | string | Additional information for the auto heal. |
| command_line | string | Command line executed with the options specified. |
| end_time | string | End Time |
| errors | array[string] | List of errors in the operation. |
| start_time | string | Start Time |
| state | string | Indicates the state of the operation. |
| type | string | Name of the operation. |
| uuid | string | Identifier for the operation. |

Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "additional_info": "MetroCluster switchover with auto heal completed successfully.",
  "command_line": "metrocluster switchover",
  "end_time": "2016-03-10T14:35:16-08:00",
  "errors": [
    "siteB (warning): Unable to prepare the partner cluster for a pending switchback operation. Reason: entry doesn't exist. Reboot the nodes in the partner cluster before using the \"metrocluster switchback\" command."
  ],
  "start_time": "2016-03-10T14:33:16-08:00",
  "state": "completed_with_warnings",
  "type": "switchover",
  "uuid": "11111111-2222-3333-4444-abcdefabcdef"
}
```

Error

Status: Default

ONTAP Error Response Codes

| Error Code | Description |
|------------|---|
| 2425734 | An internal error occurred. Wait a few minutes, and try the operation again. For further assistance, contact technical support. |

| 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 | |

self_link

| 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. |

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