



Manage storage tape devices

ONTAP 9.15.1 REST API reference

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Manage storage tape devices

Storage tape-devices endpoint overview

Retrieving storage tape information

The storage tape GET API retrieves all of the tapes in the cluster.

Examples

1) Retrieving a list of tapes from the cluster

The following example returns the list of tapes in the cluster:

```
# The API:
/api/storage/tape-devices

# The call:
curl -X GET "https://<mgmt-ip>/api/storage/tape-devices" -H "accept:
application/hal+json"

# The response:
{
  "records": [
    {
      "node": {
        "uuid": "4083be52-5315-11eb-a839-00a0985ebbe7",
        "name": "st-8020-1-01",
        "_links": {
          "self": {
            "href": "/api/cluster/nodes/4083be52-5315-11eb-a839-
00a0985ebbe7"
          }
        }
      },
      "device_id": "2d.0",
      "_links": {
        "self": {
          "href": "/api/storage/tape-devices/4083be52-5315-11eb-a839-
00a0985ebbe7/2d.0"
        }
      }
    },
  ]
}
```

```

{
  "node": {
    "uuid": "4083be52-5315-11eb-a839-00a0985ebbe7",
    "name": "st-8020-1-01",
    "_links": {
      "self": {
        "href": "/api/cluster/nodes/4083be52-5315-11eb-a839-00a0985ebbe7"
      }
    }
  },
  "device_id": "2d.0L1",
  "_links": {
    "self": {
      "href": "/api/storage/tape-devices/4083be52-5315-11eb-a839-00a0985ebbe7/2d.0L1"
    }
  }
},
{
  "node": {
    "uuid": "4083be52-5315-11eb-a839-00a0985ebbe7",
    "name": "st-8020-1-01",
    "_links": {
      "self": {
        "href": "/api/cluster/nodes/4083be52-5315-11eb-a839-00a0985ebbe7"
      }
    }
  },
  "device_id": "qeg-tape-brocade2-8g:0.126",
  "_links": {
    "self": {
      "href": "/api/storage/tape-devices/4083be52-5315-11eb-a839-00a0985ebbe7/qeg-tape-brocade2-8g%3A0.126"
    }
  }
},
{
  "node": {
    "uuid": "4083be52-5315-11eb-a839-00a0985ebbe7",
    "name": "st-8020-1-01",
    "_links": {
      "self": {
        "href": "/api/cluster/nodes/4083be52-5315-11eb-a839-00a0985ebbe7"
      }
    }
  }
}

```

```

    }
  },
  "device_id": "stsw-broc6510-01:11.126",
  "_links": {
    "self": {
      "href": "/api/storage/tape-devices/4083be52-5315-11eb-a839-00a0985ebbe7/stsw-broc6510-01%3A11.126"
    }
  }
},
{
  "node": {
    "uuid": "4083be52-5315-11eb-a839-00a0985ebbe7",
    "name": "st-8020-1-01",
    "_links": {
      "self": {
        "href": "/api/cluster/nodes/4083be52-5315-11eb-a839-00a0985ebbe7"
      }
    }
  },
  "device_id": "stsw-broc6510-01:15.126",
  "_links": {
    "self": {
      "href": "/api/storage/tape-devices/4083be52-5315-11eb-a839-00a0985ebbe7/stsw-broc6510-01%3A15.126"
    }
  }
},
{
  "node": {
    "uuid": "4083be52-5315-11eb-a839-00a0985ebbe7",
    "name": "st-8020-1-01",
    "_links": {
      "self": {
        "href": "/api/cluster/nodes/4083be52-5315-11eb-a839-00a0985ebbe7"
      }
    }
  },
  "device_id": "stsw-broc6510-01:15.126L1",
  "_links": {
    "self": {
      "href": "/api/storage/tape-devices/4083be52-5315-11eb-a839-00a0985ebbe7/stsw-broc6510-01%3A15.126L1"
    }
  }
}

```

```

    }
  },
  {
    "node": {
      "uuid": "4083be52-5315-11eb-a839-00a0985ebbe7",
      "name": "st-8020-1-01",
      "_links": {
        "self": {
          "href": "/api/cluster/nodes/4083be52-5315-11eb-a839-00a0985ebbe7"
        }
      }
    },
    "device_id": "stsw-broc6510-01:22.126",
    "_links": {
      "self": {
        "href": "/api/storage/tape-devices/4083be52-5315-11eb-a839-00a0985ebbe7/stsw-broc6510-01%3A22.126"
      }
    }
  },
  {
    "node": {
      "uuid": "4083be52-5315-11eb-a839-00a0985ebbe7",
      "name": "st-8020-1-01",
      "_links": {
        "self": {
          "href": "/api/cluster/nodes/4083be52-5315-11eb-a839-00a0985ebbe7"
        }
      }
    },
    "device_id": "stsw-broc6510-01:23.126",
    "_links": {
      "self": {
        "href": "/api/storage/tape-devices/4083be52-5315-11eb-a839-00a0985ebbe7/stsw-broc6510-01%3A23.126"
      }
    }
  },
],
"num_records": 7,
"_links": {
  "self": {
    "href": "/api/storage/tape-devices"
  }
}

```

```
}  
}  
}
```

2) Retrieving a specific tape device from the cluster

The following example returns the requested tape device. If there is no tape with the requested UID, an error is returned.

```
# The API:  
/api/storage/tape-devices/{node.uuid}/{device_id}  
  
# The call:  
curl -X GET "https://<mgmt-ip>/api/storage/tape-devices/5f5275eb-5315-11eb-8ac4-00a0985e0dcf/2d.0" -H "accept: application/hal+json"  
  
# The response:  
{  
  "node": {  
    "uuid": "5f5275eb-5315-11eb-8ac4-00a0985e0dcf",  
    "name": "st-8020-1-02",  
    "_links": {  
      "self": {  
        "href": "/api/cluster/nodes/5f5275eb-5315-11eb-8ac4-00a0985e0dcf"  
      }  
    }  
  },  
  "device_id": "2d.0",  
  "type": "tape",  
  "description": "IBM LTO-6 ULT3580",  
  "alias": {  
    "name": "st7",  
    "mapping": "SN[1068000245]"  
  },  
  "aliases": [  
    {  
      "name": "st7",  
      "mapping": "SN[1068000245]"  
    }  
  ],  
  "wwnn": "5001697722ee0010",  
  "wwpn": "5001697722ee0011",  
  "serial_number": "1068000245",
```

```

"interface": "sas",
"device_state": "offline",
"formats": [
  "LTO-4/5 Native Density",
  "LTO-4/5 Compressed",
  "LTO-6 2.5TB",
  "LTO-6 6.25TB Compressed"
],
"storage_port": {
  "name": "2d"
},
"file_number": -1,
"block_number": -1,
"residual_count": 0,
"density": "low",
"device_names": [
  {
    "rewind_device": "rst0l",
    "no_rewind_device": "nrst0l",
    "unload_reload_device": "urst0l"
  },
  {
    "rewind_device": "rst0m",
    "no_rewind_device": "nrst0m",
    "unload_reload_device": "urst0m"
  },
  {
    "rewind_device": "rst0h",
    "no_rewind_device": "nrst0h",
    "unload_reload_device": "urst0h"
  },
  {
    "rewind_device": "rst0a",
    "no_rewind_device": "nrst0a",
    "unload_reload_device": "urst0a"
  }
],
"reservation_type": "off",
"_links": {
  "self": {
    "href": "/api/storage/tape-devices/5f5275eb-5315-11eb-8ac4-00a0985e0dcf/2d.0"
  }
}
}

```

Updating a tape device

The tape PATCH API allows the tape device to be set online or offline, positioned, and given an alias.

Examples

1) Taking a tape device offline

The following example takes a tape device offline:

```
# The API:
/api/storage/tape-devices/{node.uuid}/{device_id}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/storage/tape-devices/5f5275eb-5315-11eb-8ac4-00a0985e0dcf/2d.0" -H "accept: application/hal+json" -H "Content-Type: application/hal_json" -d '{"online": "false"}'

# The response:
{
  "job": {
    "uuid": "9e544626-306e-11ec-8c2e-00a098b81daa",
    "_links": {
      "self": {
        "href": "/api/cluster/jobs/9e544626-306e-11ec-8c2e-00a098b81daa"
      }
    }
  }
}
```

2) Bringing a tape device online

The following example brings a tape device online:

```
# The API:
/api/storage/tape-devices/{node.uuid}/{device_id}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/storage/tape-devices/5f5275eb-5315-11eb-8ac4-00a0985e0dcf/2d.0" -H "accept: application/hal+json" -H "Content-Type: application/hal_json" -d '{"online": "true"}'

# The response:
{
  "job": {
    "uuid": "9e544626-306e-11ec-8c2e-00a098b81daa",
    "_links": {
      "self": {
        "href": "/api/cluster/jobs/9e544626-306e-11ec-8c2e-00a098b81daa"
      }
    }
  }
}
```

3) Giving a tape device an alias

The following example assigns an alias to a tape device:

```
# The API:
/api/storage/tape-devices/{node.uuid}/{device_id}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/storage/tape-devices/5f5275eb-5315-11eb-8ac4-00a0985e0dcf/2d.0" -H "accept: application/hal+json" -H "Content-Type: application/hal_json" -d '{"aliases": [{"name": "st0"}]}'

# The response:
{
}
```

4) Removing a tape device's aliases

The following example clears any aliases previously assigned to a tape device:

```
# The API:
/api/storage/tape-devices/{node.uuid}/{device_id}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/storage/tape-devices/5f5275eb-5315-
11eb-8ac4-00a0985e0dcf/2d.0" -H "accept: application/hal+json" -H
"Content-Type: application/hal_json" -d '{"aliases": []}'

# The response:
{
}
```

5) Rewinding a tape device

The following example rewinds a tape device:

```
# The API:
/api/storage/tape-devices/{node.uuid}/{device_id}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/storage/tape-devices/5f5275eb-5315-
11eb-8ac4-00a0985e0dcf/2d.0" -H "accept: application/hal+json" -H
"Content-Type: application/hal_json" -d '{"position": {"operation":
"rewind"}}'

# The response:
{
  "job": {
    "uuid": "9e544626-306e-11ec-8c2e-00a098b81daa",
    "_links": {
      "self": {
        "href": "/api/cluster/jobs/9e544626-306e-11ec-8c2e-00a098b81daa"
      }
    }
  }
}
```

6) Forwarding the tape five files

The following example moves the tape forward five file records:

```

# The API:
/api/storage/tape-devices/{node.uuid}/{device_id}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/storage/tape-devices/5f5275eb-5315-11eb-8ac4-00a0985e0dcf/2d.0" -H "accept: application/hal+json" -H "Content-Type: application/hal_json" -d '{"position": {"operation": "fsf", "count": 5}}'

# The response:
{
  "job": {
    "uuid": "954c20d5-306e-11ec-8c2e-00a098b81daa",
    "_links": {
      "self": {
        "href": "/api/cluster/jobs/954c20d5-306e-11ec-8c2e-00a098b81daa"
      }
    }
  }
}

```

Retrieve tape devices

GET /storage/tape-devices

Introduced In: 9.9

Retrieves a collection of tape devices.

Related ONTAP commands

- `storage tape show`

Learn more

- [DOC /storage/tape-devices](#)

Parameters

Name	Type	In	Required	Description
file_number	integer	query	False	Filter by file_number

Name	Type	In	Required	Description
device_state	string	query	False	Filter by device_state
density	string	query	False	Filter by density <ul style="list-style-type: none"> • Introduced in: 9.11
wwnn	string	query	False	Filter by wwnn
type	string	query	False	Filter by type
alias.name	string	query	False	Filter by alias.name
alias.mapping	string	query	False	Filter by alias.mapping
residual_count	integer	query	False	Filter by residual_count
node.uuid	string	query	False	Filter by node.uuid
node.name	string	query	False	Filter by node.name
description	string	query	False	Filter by description
storage_port.name	string	query	False	Filter by storage_port.name
device_names.unload_reload_device	string	query	False	Filter by device_names.unload_reload_device
device_names.rewind_device	string	query	False	Filter by device_names.rewind_device
device_names.no_rewind_device	string	query	False	Filter by device_names.no_rewind_device
interface	string	query	False	Filter by interface
formats	string	query	False	Filter by formats

Name	Type	In	Required	Description
aliases.mapping	string	query	False	Filter by aliases.mapping <ul style="list-style-type: none">• Introduced in: 9.11
aliases.name	string	query	False	Filter by aliases.name <ul style="list-style-type: none">• Introduced in: 9.11
device_id	string	query	False	Filter by device_id
wwpn	string	query	False	Filter by wwpn
online	boolean	query	False	Filter by online <ul style="list-style-type: none">• Introduced in: 9.11
reservation_type	string	query	False	Filter by reservation_type
serial_number	string	query	False	Filter by serial_number
block_number	integer	query	False	Filter by block_number
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[tape_device]	

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "alias": {
        "mapping": "SN[10WT000933]",
        "name": "st6"
      },
      "aliases": [
        {
          "mapping": "SN[10WT000933]",
          "name": "st6"
        }
      ],
      "block_number": 0,
      "density": "low",
      "description": "QUANTUM LTO-8 ULTRIUM",
      "device_id": "1a.0",
      "device_names": [
        {
          "no_rewind_device": "nrst6l",
          "rewind_device": "rst6l",
          "unload_reload_device": "urst6l"
        }
      ],
      "device_state": "read_write_enabled",
      "file_number": 0,
      "formats": [
        "LTO-7 6TB",
        "LTO-7 15TB Compressed",
        "LTO-8 12TB",
        "LTO-8 30TB Compressed"
      ],
      "interface": "sas",
      "node": {
        "_links": {
```



```

    "self": {
      "href": "/api/resourcelink"
    },
    "name": "node1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "position": {
    "count": 5,
    "operation": "rewind"
  },
  "reservation_type": "off",
  "residual_count": 0,
  "serial_number": "10WT00093",
  "storage_port": {
    "name": "2b"
  },
  "type": "tape",
  "wwnn": "500507631295741c",
  "wwpn": "500507631295741c"
}
]
}

```

Error

Status: Default, Error

Name	Type	Description
error	returned_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	

alias

Name	Type	Description
mapping	string	This field will no longer be supported in a future release. Use <code>aliases.mapping</code> instead.
name	string	This field will no longer be supported in a future release. Use <code>aliases.name</code> instead.

aliases

Name	Type	Description
mapping	string	Alias mapping.
name	string	Alias name.

device_names

Name	Type	Description
no_rewind_device	string	Device name for no rewind.
rewind_device	string	Device name for rewind.
unload_reload_device	string	Device name for unload or reload operations.

_links

Name	Type	Description
self	href	

node

Name	Type	Description
_links	_links	
name	string	
uuid	string	

position

Name	Type	Description
count	integer	Number of times to run position operation.
operation	string	Position operation.

storage_port

Name	Type	Description
name	string	Initiator port.

tape_device

Name	Type	Description
alias	alias	
aliases	array[aliases]	
block_number	integer	Block number.
density	string	Density.
description	string	
device_id	string	
device_names	array[device_names]	
device_state	string	Operational state of the device.
file_number	integer	File number.
formats	array[string]	Tape cartridge format.

Name	Type	Description
interface	string	Device interface type.
node	node	
online	boolean	
position	position	
reservation_type	string	
residual_count	integer	Residual count of the last I/O operation.
serial_number	string	
storage_port	storage_port	
type	string	Device type.
wwnn	string	World Wide Node Name.
wwpn	string	World Wide Port Name.

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_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 a tape device

GET /storage/tape-devices/{node.uuid}/{device_id}

Introduced In: 9.9

Retrieves a specific tape device.

Related ONTAP commands

- `storage tape show`

Learn more

- [DOC /storage/tape-devices](#)

Parameters

Name	Type	In	Required	Description
node.uuid	string	path	True	Node UUID
device_id	string	path	True	Device ID
fields	array[string]	query	False	Specify the fields to return.

Response

Status: 200, Ok

Name	Type	Description
alias	alias	
aliases	array[aliases]	
block_number	integer	Block number.
density	string	Density.
description	string	
device_id	string	
device_names	array[device_names]	
device_state	string	Operational state of the device.
file_number	integer	File number.
formats	array[string]	Tape cartridge format.

Name	Type	Description
interface	string	Device interface type.
node	node	
online	boolean	
position	position	
reservation_type	string	
residual_count	integer	Residual count of the last I/O operation.
serial_number	string	
storage_port	storage_port	
type	string	Device type.
wwnn	string	World Wide Node Name.
wwpn	string	World Wide Port Name.

Example response

```
{
  "alias": {
    "mapping": "SN[10WT000933]",
    "name": "st6"
  },
  "aliases": [
    {
      "mapping": "SN[10WT000933]",
      "name": "st6"
    }
  ],
  "block_number": 0,
  "density": "low",
  "description": "QUANTUM LTO-8 ULTRIUM",
  "device_id": "1a.0",
  "device_names": [
    {
      "no_rewind_device": "nrst6l",
      "rewind_device": "rst6l",
      "unload_reload_device": "urst6l"
    }
  ],
  "device_state": "read_write_enabled",
  "file_number": 0,
  "formats": [
    "LTO-7 6TB",
    "LTO-7 15TB Compressed",
    "LTO-8 12TB",
    "LTO-8 30TB Compressed"
  ],
  "interface": "sas",
  "node": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "node1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "position": {
    "count": 5,
    "operation": "rewind"
  },
}
```



```
"reservation_type": "off",
"residual_count": 0,
"serial_number": "10WT00093",
"storage_port": {
  "name": "2b"
},
"type": "tape",
"wwnn": "500507631295741c",
"wwpn": "500507631295741c"
}
```

Error

Status: Default, Error

Name	Type	Description
error	returned_error	

Example error

```
{
  "error": {
    "arguments": [
      {
        "code": "string",
        "message": "string"
      }
    ],
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```

Definitions

See Definitions

alias

Name	Type	Description
mapping	string	This field will no longer be supported in a future release. Use <code>aliases.mapping</code> instead.
name	string	This field will no longer be supported in a future release. Use <code>aliases.name</code> instead.

aliases

Name	Type	Description
mapping	string	Alias mapping.
name	string	Alias name.

device_names

Name	Type	Description
no_rewind_device	string	Device name for no rewind.
rewind_device	string	Device name for rewind.
unload_reload_device	string	Device name for unload or reload operations.

href

Name	Type	Description
href	string	

_links

Name	Type	Description
self	href	

node

Name	Type	Description
_links	_links	

Name	Type	Description
name	string	
uuid	string	

position

Name	Type	Description
count	integer	Number of times to run position operation.
operation	string	Position operation.

storage_port

Name	Type	Description
name	string	Initiator port.

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_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 a tape device

PATCH /storage/tape-devices/{node.uuid}/{device_id}

Introduced In: 9.11

Updates a specific tape device.

Related ONTAP commands

- `storage tape alias-set`
- `storage tape alias-clear`
- `storage tape online`
- `storage tape offline`
- `storage tape position`

Learn more

- [DOC /storage/tape-devices](#)

Parameters

Name	Type	In	Required	Description
node.uuid	string	path	True	Node UUID
device_id	string	path	True	Device ID

Name	Type	In	Required	Description
return_timeout	integer	query	False	<p>The number of seconds to allow the call to execute before returning. When doing a POST, PATCH, or DELETE operation on a single record, the default is 0 seconds. This means that if an asynchronous operation is started, the server immediately returns HTTP code 202 (Accepted) along with a link to the job. If a non-zero value is specified for POST, PATCH, or DELETE operations, ONTAP waits that length of time to see if the job completes so it can return something other than 202.</p> <ul style="list-style-type: none"> • Default value: 1 • Max value: 120 • Min value: 0

Request Body

Name	Type	Description
alias	alias	
aliases	array[aliases]	
block_number	integer	Block number.
density	string	Density.
description	string	
device_id	string	
device_names	array[device_names]	

Name	Type	Description
device_state	string	Operational state of the device.
file_number	integer	File number.
formats	array[string]	Tape cartridge format.
interface	string	Device interface type.
node	node	
online	boolean	
position	position	
reservation_type	string	
residual_count	integer	Residual count of the last I/O operation.
serial_number	string	
storage_port	storage_port	
type	string	Device type.
wwnn	string	World Wide Node Name.
wwpn	string	World Wide Port Name.

Example request

```
{
  "alias": {
    "mapping": "SN[10WT000933]",
    "name": "st6"
  },
  "aliases": [
    {
      "mapping": "SN[10WT000933]",
      "name": "st6"
    }
  ],
  "block_number": 0,
  "density": "low",
  "description": "QUANTUM LTO-8 ULTRIUM",
  "device_id": "1a.0",
  "device_names": [
    {
      "no_rewind_device": "nrst6l",
      "rewind_device": "rst6l",
      "unload_reload_device": "urst6l"
    }
  ],
  "device_state": "read_write_enabled",
  "file_number": 0,
  "formats": [
    "LTO-7 6TB",
    "LTO-7 15TB Compressed",
    "LTO-8 12TB",
    "LTO-8 30TB Compressed"
  ],
  "interface": "sas",
  "node": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "node1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "position": {
    "count": 5,
    "operation": "rewind"
  },
}
```

```

"reservation_type": "off",
"residual_count": 0,
"serial_number": "10WT00093",
"storage_port": {
  "name": "2b"
},
"type": "tape",
"wwnn": "500507631295741c",
"wwpn": "500507631295741c"
}

```

Response

Status: 200, Ok

Response

Status: 202, Accepted

Error

Status: Default

ONTAP Error Response Codes

Error Code	Description
11403264	Tape operation "<operation>" failed on tape device \"<device_id>\". This may indicate tape reached end of data, a hardware error, an illegal request, an invalid name format, or an aborted command.</device_id></operation>
11403265	Tape operation "<operation>" failed because it encountered an unexpected file mark on tape device \"<device_id>\".</device_id></operation>
11403266	Internal error. Unknown tape parameter for tape device "<device_id>\".</device_id>
11403267	Tape device "<device_id>" is busy.</device_id>
11403268	No tape loaded for "<operation>" operation on tape drive \"<device_id>\".</device_id></operation>
11403269	Tape device "<device_id>" unknown.</device_id>

Error Code	Description
11403270	Tape alias name "<alias>\\" already exists.</alias>
11403271	The format of the tape alias name "<alias>\\" is invalid. Use \"st\" or \"mc\" followed by one or more digits.</alias>
11403273	Internal error. Tape alias name "<alias>\\" not saved.</alias>
11403274	Internal error. Tape alias operation "<operation>\\" for alias name \"<alias>\\" failed.</alias></operation>
11403275	Tape alias name "<alias>\\" not found.</alias>
11403277	Tape device "<device_id>\\" is reserved by another host.</device_id>
11403278	Invalid count value specified with operation "<operation>\\". Valid values are from 0 to {1}.</operation>

Also see the table of common errors in the [Response body](#) overview section of this documentation.

Name	Type	Description
error	returned_error	

Example error

```
{
  "error": {
    "arguments": [
      {
        "code": "string",
        "message": "string"
      }
    ],
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```

Definitions

See Definitions

alias

Name	Type	Description
mapping	string	This field will no longer be supported in a future release. Use aliases.mapping instead.
name	string	This field will no longer be supported in a future release. Use aliases.name instead.

aliases

Name	Type	Description
mapping	string	Alias mapping.
name	string	Alias name.

device_names

Name	Type	Description
no_rewind_device	string	Device name for no rewind.
rewind_device	string	Device name for rewind.
unload_reload_device	string	Device name for unload or reload operations.

href

Name	Type	Description
href	string	

_links

Name	Type	Description
self	href	

node

Name	Type	Description
_links	_links	

Name	Type	Description
name	string	
uuid	string	

position

Name	Type	Description
count	integer	Number of times to run position operation.
operation	string	Position operation.

storage_port

Name	Type	Description
name	string	Initiator port.

tape_device

Name	Type	Description
alias	alias	
aliases	array[aliases]	
block_number	integer	Block number.
density	string	Density.
description	string	
device_id	string	
device_names	array[device_names]	
device_state	string	Operational state of the device.
file_number	integer	File number.
formats	array[string]	Tape cartridge format.
interface	string	Device interface type.
node	node	
online	boolean	
position	position	

Name	Type	Description
reservation_type	string	
residual_count	integer	Residual count of the last I/O operation.
serial_number	string	
storage_port	storage_port	
type	string	Device type.
wwnn	string	World Wide Node Name.
wwpn	string	World Wide Port Name.

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_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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