



# **Manage SnapLock storage litigations**

ONTAP 9.15.1 REST API reference

NetApp  
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# Manage SnapLock storage litigations

## Storage SnapLock litigations endpoint overview

Use this API to retain Compliance-mode WORM files for the duration of a litigation. A file under a legal-hold behaves as a WORM file with an indefinite retention period. Litigation ID is a combination of volume UUID and litigation name in the format `<volume UUID>:<litigation name>`. Only a user with the security login role `vsadmin-snaplock` can perform the operation.

## Retrieve litigations under an SVM

GET `/storage/snaplock/litigations`

Introduced In: 9.7

Retrieves the list of litigations under an SVM.

### Related ONTAP commands

- `snaplock legal-hold show`

### Learn more

- [DOC /storage/snaplock/litigations](#)

### Parameters

Name	Type	In	Required	Description
fields	array[string]	query	False	Specify the fields to return.
max_records	integer	query	False	Limit the number of records returned.

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>
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"> <li>• Default value: 1</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[ <a href="#">snaplock_litigation</a> ]	

## Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "id": "string",
      "name": "lit1",
      "operations": [
        {
          "_links": {
            "self": {
              "href": "/api/resourcelink"
            }
          },
          "id": 16842759,
          "num_files_failed": 0,
          "num_files_processed": 30,
          "num_files_skipped": 10,
          "num_inodes_ignored": 10,
          "path": "/dir1",
          "state": "completed",
          "type": "begin"
        }
      ],
      "path": "/dir1",
      "svm": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",

```

```

    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "volume": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "volume1",
    "uuid": "028baa66-41bd-11e9-81d5-00a0986138f7"
  }
}
]
}

```

## Error

Status: Default

### ONTAP Error Response codes

Error code	Description
13763280	Only a user with security login role "vsadmin-snaplock" is allowed to perform this operation.
14090346	Internal Error. Wait a few minutes, then try the command again
14090343	Invalid field

Name	Type	Description
error	<a href="#">returned_error</a>	

## 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	<a href="#">href</a>	
self	<a href="#">href</a>	

\_links

Name	Type	Description
self	<a href="#">href</a>	

snaplock\_legal\_hold\_operation

Name	Type	Description
_links	<a href="#">_links</a>	
id	integer	Operation ID.
num_files_failed	string	Specifies the number of files on which legal-hold operation failed.
num_files_processed	string	Specifies the number of files on which legal-hold operation was successful.
num_files_skipped	string	Specifies the number of files on which legal-hold begin operation was skipped. The legal-hold begin operation is skipped on a file if it is already under hold for a given litigation.
num_inodes_ignored	string	Specifies the number of inodes on which the legal-hold operation was not attempted because they were not regular files.
path	string	Specifies the path on which legal-hold operation is applied.



Name	Type	Description
state	string	Specifies the status of legal-hold operation.
type	string	Specifies the type of legal-hold operation.

svm

SVM, applies only to SVM-scoped objects.

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the SVM. This field cannot be specified in a PATCH method.
uuid	string	The unique identifier of the SVM. This field cannot be specified in a PATCH method.

volume

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the volume. This field cannot be specified in a POST or PATCH method.
uuid	string	<p>Unique identifier for the volume. This corresponds to the instance-uuid that is exposed in the CLI and ONTAPI. It does not change due to a volume move.</p> <ul style="list-style-type: none"> <li>• example: 028baa66-41bd-11e9-81d5-00a0986138f7</li> <li>• Introduced in: 9.6</li> <li>• x-nullable: true</li> </ul>

snaplock\_litigation

Name	Type	Description
_links	<a href="#">_links</a>	

Name	Type	Description
id	string	Specifies the litigation ID.
name	string	Specifies the legal-hold litigation name.
operations	array[snaplock_legal_hold_operation]	
path	string	Specifies the path on which legal-hold operation has to be applied.
svm	svm	SVM, applies only to SVM-scoped objects.
volume	volume	

#### 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.

## Start a legal-hold operation

POST /storage/snaplock/litigations

**Introduced In:** 9.7

Starts a Legal-Hold.

## Required properties

- `path` - Path of the file.
- `name` - Litigation name.
- `volume.name` or `volume.uuid` - Name or UUID of the volume.

## Related ONTAP commands

- `snaplock legal-hold begin`

## Example

```
POST "/api/storage/snaplock/litigations"  
'{"volume.name":"SLC1","name":"l3","path":"/b.txt"}'
```

## Learn more

- [DOC /storage/snaplock/litigations](#)

## Parameters

Name	Type	In	Required	Description
<code>return_records</code>	boolean	query	False	The default is false. If set to true, the records are returned.  • Default value:

## Request Body

Name	Type	Description
<code>_links</code>	<a href="#">_links</a>	
<code>id</code>	string	Specifies the litigation ID.
<code>name</code>	string	Specifies the legal-hold litigation name.
<code>operations</code>	array[ <a href="#">snaplock_legal_hold_operation</a> ]	
<code>path</code>	string	Specifies the path on which legal-hold operation has to be applied.

Name	Type	Description
svm	svm	SVM, applies only to SVM-scoped objects.
volume	volume	

**Example request**



```

{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "id": "string",
  "name": "lit1",
  "operations": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "id": 16842759,
      "num_files_failed": 0,
      "num_files_processed": 30,
      "num_files_skipped": 10,
      "num_inodes_ignored": 10,
      "path": "/dir1",
      "state": "completed",
      "type": "begin"
    }
  ],
  "path": "/dir1",
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "volume": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "volume1",
    "uuid": "028baa66-41bd-11e9-81d5-00a0986138f7"
  }
}

```

## Response

Status: 201, Created

## Headers

Name	Description	Type
Location	Useful for tracking the resource location	string

## Error

Status: Default

## ONTAP Error Response codes

Error code	Description
13762586	Volume is not a SnapLock Compliance volume
13763162	Audit logging is not configured for the SVM
13763280	Only a user with security login role "vsadmin-snaplock" is allowed to perform this operation.
14090346	Internal Error. Wait a few minutes, then try the command again
14090340	{field} is a required field
14090343	Invalid Field
14090641	The specified volume.name and volume.uuid refer to different volumes

Name	Type	Description
error	<a href="#">returned_error</a>	

## 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
self	<a href="#">href</a>	

snaplock\_legal\_hold\_operation

Name	Type	Description
_links	<a href="#">_links</a>	
id	integer	Operation ID.
num_files_failed	string	Specifies the number of files on which legal-hold operation failed.
num_files_processed	string	Specifies the number of files on which legal-hold operation was successful.
num_files_skipped	string	Specifies the number of files on which legal-hold begin operation was skipped. The legal-hold begin operation is skipped on a file if it is already under hold for a given litigation.
num_inodes_ignored	string	Specifies the number of inodes on which the legal-hold operation was not attempted because they were not regular files.
path	string	Specifies the path on which legal-hold operation is applied.
state	string	Specifies the status of legal-hold operation.
type	string	Specifies the type of legal-hold operation.

svm

SVM, applies only to SVM-scoped objects.

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
name	string	The name of the SVM. This field cannot be specified in a PATCH method.
uuid	string	The unique identifier of the SVM. This field cannot be specified in a PATCH method.

volume

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
name	string	The name of the volume. This field cannot be specified in a POST or PATCH method.
uuid	string	Unique identifier for the volume. This corresponds to the instance-uuid that is exposed in the CLI and ONTAPI. It does not change due to a volume move. <ul style="list-style-type: none"><li>• example: 028baa66-41bd-11e9-81d5-00a0986138f7</li><li>• Introduced in: 9.6</li><li>• x-nullable: true</li></ul>

snaplock\_litigation

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
id	string	Specifies the litigation ID.
name	string	Specifies the legal-hold litigation name.
operations	array[ <a href="#">snaplock_legal_hold_operation</a> ]	
path	string	Specifies the path on which legal-hold operation has to be applied.

Name	Type	Description
svm	<a href="#">svm</a>	SVM, applies only to SVM-scoped objects.
volume	<a href="#">volume</a>	

#### error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

#### returned\_error

Name	Type	Description
arguments	array[ <a href="#">error_arguments</a> ]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

## Create a legal-hold end on all of the files for a litigation ID

DELETE /storage/snaplock/litigations/{id}

**Introduced In:** 9.7

Creates a legal-hold end on all of the files for the specified litigation ID. This is only allowed when an operation is no longer in progress.

### Related ONTAP commands

- `snaplock legal-hold end`

### Example

```
DELETE "/api/storage/snaplock/litigations/fd72e138-4bc3-11e9-a85f-0050568eb48f%3A13"
```

## Learn more

- [DOC /storage/snaplock/litigations](#)

## Parameters

Name	Type	In	Required	Description
id	string	path	True	Litigation ID

## Response

```
Status: 200, Ok
```

## Error

```
Status: Default
```

### ONTAP Error Response codes

Error code	Description
13763280	Only a user with security login role "vsadmin-snaplock" is allowed to perform this operation.
14090343	Invalid Field
14090346	Internal Error. Wait a few minutes, then try the command again
14090642	Legal-Hold operation is in progress. Legal-Hold end cannot be performed. Wait for the operation to complete or abort the operation

Name	Type	Description
error	<a href="#">returned_error</a>	

## Example error

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

## Definitions

### See Definitions

#### error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

#### returned\_error

Name	Type	Description
arguments	array[ <a href="#">error_arguments</a> ]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

# Retrieve ongoing operations for a litigation ID

GET /storage/snaplock/litigations/{id}

Introduced In: 9.7

Retrieves the list of ongoing operations for the specified litigation ID.

## Related ONTAP commands

- `snaplock legal-hold show`

## Learn more

- [DOC /storage/snaplock/litigations](#)

## Parameters

Name	Type	In	Required	Description
id	string	path	True	Litigation ID
fields	array[string]	query	False	Specify the fields to return.

## Response

Status: 200, Ok

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
id	string	Specifies the litigation ID.
name	string	Specifies the legal-hold litigation name.
operations	array[ <a href="#">snaplock_legal_hold_operation</a> ]	
path	string	Specifies the path on which legal-hold operation has to be applied.
svm	<a href="#">svm</a>	SVM, applies only to SVM-scoped objects.
volume	<a href="#">volume</a>	

**Example response**

A large, empty rectangular box with a thin, dashed border, occupying most of the page. It is intended for an example response.

```

{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "id": "string",
  "name": "lit1",
  "operations": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "id": 16842759,
      "num_files_failed": 0,
      "num_files_processed": 30,
      "num_files_skipped": 10,
      "num_inodes_ignored": 10,
      "path": "/dir1",
      "state": "completed",
      "type": "begin"
    }
  ],
  "path": "/dir1",
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "volume": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "volume1",
    "uuid": "028baa66-41bd-11e9-81d5-00a0986138f7"
  }
}

```



## Error

Status: Default

### ONTAP Error Response codes

Error code	Description
13763280	Only a user with security login role "vsadmin-snaplock" is allowed to perform this operation.
14090346	Internal Error. Wait a few minutes, then try the command again
14090343	Invalid Field

Name	Type	Description
error	<a href="#">returned_error</a>	

### 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
self	<a href="#">href</a>	

snaplock\_legal\_hold\_operation

Name	Type	Description
_links	<a href="#">_links</a>	
id	integer	Operation ID.
num_files_failed	string	Specifies the number of files on which legal-hold operation failed.
num_files_processed	string	Specifies the number of files on which legal-hold operation was successful.
num_files_skipped	string	Specifies the number of files on which legal-hold begin operation was skipped. The legal-hold begin operation is skipped on a file if it is already under hold for a given litigation.
num_inodes_ignored	string	Specifies the number of inodes on which the legal-hold operation was not attempted because they were not regular files.
path	string	Specifies the path on which legal-hold operation is applied.
state	string	Specifies the status of legal-hold operation.
type	string	Specifies the type of legal-hold operation.

svm

SVM, applies only to SVM-scoped objects.

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
name	string	The name of the SVM. This field cannot be specified in a PATCH method.
uuid	string	The unique identifier of the SVM. This field cannot be specified in a PATCH method.

volume

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
name	string	The name of the volume. This field cannot be specified in a POST or PATCH method.
uuid	string	Unique identifier for the volume. This corresponds to the instance-uuid that is exposed in the CLI and ONTAPI. It does not change due to a volume move. <ul style="list-style-type: none"><li>• example: 028baa66-41bd-11e9-81d5-00a0986138f7</li><li>• Introduced in: 9.6</li><li>• x-nullable: true</li></ul>

error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned\_error

Name	Type	Description
arguments	array[ <a href="#">error_arguments</a> ]	Message arguments

<b>Name</b>	<b>Type</b>	<b>Description</b>
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

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