



# Manage SnapLock storage litigations

ONTAP 9.7 REST API reference

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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`

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.
return_timeout	integer	query	False	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.

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.
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"
    }
  },
  "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
14090346	Internal Error. Wait a few minutes, then try the command again

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	<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

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

volume

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
name	string	The name of the volume.
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> </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>	
volume	<a href="#">volume</a>	

error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

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.

## Start a legal-hold operation

POST /storage/snaplock/litigations

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
return_records	boolean	query	False	The default is false. If set to true, the records are returned.

## Request Body

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

## 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

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

## 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
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	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
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

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

#### volume

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
name	string	The name of the volume.
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> </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.
svm	<a href="#">svm</a>	
volume	<a href="#">volume</a>	

#### error\_arguments

Name	Type	Description
code	string	Argument code



Name	Type	Description
message	string	Message argument

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}

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	

### Response

Status: 200, Ok

## Error

Status: Default

### ONTAP Error Response codes

Error code	Description
14090346	Internal Error. Wait a few minutes, then try the command again
14090343	Invalid Field
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	error	

### 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

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}

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
_links	<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>	
volume	<a href="#">volume</a>	

## 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
14090346	Internal Error. Wait a few minutes, then try the command again
14090343	Invalid Field

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

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

#### volume

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the volume.
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> </ul>

#### error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

#### 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.



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