# NetApp

# Manage SnapLock storage litigations

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 | 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.<br><br>• Default value: 1<br><br>• Max value: 120<br><br>• Min value: 0 |
| return_records | boolean | query | False | The default is true for GET calls. When set to false, only the number of records is returned.<br><br>• Default value: 1 |
| 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[snaplock_litigation] | |

```json
{
  "_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"
        }
      ],
      "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 | returned_error | |

**Example error**

```json
{
  "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 | |

_links

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

snaplock_legal_hold_operation

| Name | Type | Description |
|------|------|-------------|
| _links | _links | |
| 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 | _links | |
| 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 | _links | |
| 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.<br><br>• example: 028baa66-41bd-11e9-81d5-00a0986138f7<br><br>• Introduced in: 9.6<br><br>• x-nullable: true |

snaplock_litigation

| Name | Type | Description |
|------|------|-------------|
| _links | _links | |

| Name | Type | Description |
|------|------|-------------|
| id | string | Specifies the litigation ID. |
| name | string | Specifies the legal-hold litigation name. |
| operations | array[snaplock_legal_hold_operation] | |
| 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 |
|------|------|-----|----------|-------------|
| return_records | boolean | query | False | The default is false. If set to true, the records are returned.<br><br>• Default value: |

## Request Body

| 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 | |

**Example request**

```json
{
  "id": "string",
  "name": "lit1",
  "operations": [
    {
      "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": {
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "volume": {
    "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
```

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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 |

# Definitions

**See Definitions**

href

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

_links

snaplock_legal_hold_operation

| Name | Type | Description |
|------|------|-------------|
| 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 |
|------|------|-------------|
| 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 |
|------|------|-------------|
| 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. <br><br> • example: 028baa66-41bd-11e9-81d5-00a0986138f7 <br><br> • Introduced in: 9.6 <br><br> • x-nullable: true |

snaplock_litigation

| 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. |

# 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%3Al3"
```

## 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 | returned_error | |

**Example error**

```json
{
  "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[error_arguments] | 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 |
|------|------|-------------|
| _links | _links | |
| id | string | Specifies the litigation ID. |
| name | string | Specifies the legal-hold litigation name. |
| operations | array[snaplock_legal_hold_operation] | |
| svm | svm | SVM, applies only to SVM-scoped objects. |
| volume | volume | |

**Example response**

```json
{
  "_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"
    }
  ],
  "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 | 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 |
|------|------|-------------|
| self | href | |

snaplock_legal_hold_operation

| Name | Type | Description |
|------|------|-------------|
| _links | _links | |
| 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 |
|------|------|-------------|
| _links | _links | |
| 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 | _links | |
| 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. <br><br>• example: 028baa66-41bd-11e9-81d5-00a0986138f7 <br>• Introduced in: 9.6 <br>• x-nullable: true |

error_arguments

| Name | Type | Description |
|------|------|-------------|
| code | string | Argument code |
| message | string | Message argument |

returned_error

| Name | Type | Description |
|------|------|-------------|
| arguments | array[error_arguments] | Message arguments |

| Name | Type | Description |
| --- | --- | --- |
| code | string | Error code |
| message | string | Error message |
| target | string | The target parameter that caused the error. |