



Manage SnapLock storage litigations

ONTAP 9.14.1 REST API reference

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Table of Contents

- Manage SnapLock storage litigations 1
 - Storage SnapLock litigations endpoint overview 1
 - Retrieve litigations under an SVM 1
 - Start a legal-hold operation 8
 - Create a legal-hold end on all of the files for a litigation ID 16
 - Retrieve ongoing operations for a litigation ID 18

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"> • Default value: 1 • Max value: 120 • Min value: 0 |
| 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 |
| order_by | array[string] | query | False | <p>Order results by specified fields and optional [asc</p> |

Response

Status: 200, Ok

| Name | Type | Description |
|-------------|--|-------------------|
| _links | _links | |
| num_records | integer | Number of Records |
| records | array[snaplock_litigation] | |

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 | 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 | |

_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 | <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"> • example: 028baa66-41bd-11e9-81d5-00a0986138f7 • Introduced in: 9.6 • 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] | |
| 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> | _links | |
| <code>id</code> | string | Specifies the litigation ID. |
| <code>name</code> | string | Specifies the legal-hold litigation name. |
| <code>operations</code> | array[snaplock_legal_hold_operation] | |
| <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 | 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. <ul style="list-style-type: none">• example: 028baa66-41bd-11e9-81d5-00a0986138f7• Introduced in: 9.6• x-nullable: true |

snaplock_litigation

| 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] | |
| path | 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 | |

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%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 | returned_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 |

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] | |
| 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 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 | 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. <ul style="list-style-type: none">• example: 028baa66-41bd-11e9-81d5-00a0986138f7• Introduced in: 9.6• 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. |

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