



Manage SnapLock storage litigations

ONTAP 9.10.1 REST API Documentation

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"> • 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"
    }
  },
  "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 | 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

| Name | Type | Description |
|------------------------|------------------------|-----------------------------------|
| _links | _links | |
| name | string | The name of the SVM. |
| uuid | string | The unique identifier of the SVM. |

volume

| Name | Type | Description |
|------------------------|------------------------|--|
| _links | _links | |
| 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"> • example: 028baa66-41bd-11e9-81d5-00a0986138f7 • Introduced in: 9.6 |

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] | |

| Name | Type | Description |
|--------|------------------------|---|
| path | string | Specifies the path on which legal-hold operation has to be applied. |
| svm | svm | |
| volume | volume | |

error_arguments

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

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. • Default value: |

Request Body

| 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 | |
| volume | volume | |

Example request

A large, empty rectangular box with a thin, dashed border, occupying most of the page. It is positioned below the 'Example request' header and above the page number. The box is currently blank, suggesting it is a placeholder for content.

```

{
  "_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 |
|------------------------|--|---|
| _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 | |
| volume | volume | |

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 |
|------------|--|
| 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 | 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

| Name | Type | Description |
|------------------------|------------------------|-----------------------------------|
| _links | _links | |
| name | string | The name of the SVM. |
| uuid | string | The unique identifier of the SVM. |

volume

| Name | Type | Description |
|------------------------|------------------------|--|
| _links | _links | |
| 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"> • example: 028baa66-41bd-11e9-81d5-00a0986138f7 • Introduced in: 9.6 |

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. |
| svm | svm | |
| volume | volume | |

error_arguments

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

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 |
|------------|--|
| 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[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 |

| Name | Type | In | Required | Description |
|--------|---------------|-------|----------|-------------------------------|
| 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 | |
| volume | volume | |

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

| 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 | 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

| Name | Type | Description |
|--------|------------------------|-----------------------------------|
| _links | _links | |
| name | string | The name of the SVM. |
| uuid | string | The unique identifier of the SVM. |

volume

| Name | Type | Description |
|--------|------------------------|--|
| _links | _links | |
| 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"> • example: 028baa66-41bd-11e9-81d5-00a0986138f7 • Introduced in: 9.6 |

error_arguments

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

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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