View suspect files generated by anti-ransomware

REST API reference

NetApp
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Retrieving information on suspected files

The suspect GET API retrieves a list of recently suspected files potentially attacked by ransomware.

Retrieve information on the suspects generated by anti-ransomware analytics

GET `/security/anti-ransomware/suspects`

Introduced In: 9.10

Retrieves information on the suspects generated by the anti-ransomware analytics.

Related ONTAP commands

- `security anti-ransomware volume attack generate-report`

Parameters

Name	Type	In	Required	Description
file.path	string	query	False	Filter by file.path
file.format	string	query	False	Filter by file.format
file.suspect_time	string	query	False	Filter by file.suspect_time
file.reason	string	query	False	Filter by file.reason • Introduced in: 9.11
file.name	string	query	False	Filter by file.name
volume.name	string	query	False	Filter by volume.name
volume.uuid	string	query	False	Filter by volume.uuid
fields	array[string]	query	False	Specify the fields to return.

Name	Type	In	Required	Description
max_records	integer	query	False	Limit the number of records returned.
return_records	boolean	query	False	The default is true for GET calls. When set to false, only the number of records is returned. • Default value: 1
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. • Default value: 15 • Max value: 120 • Min value: 0
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[anti_ransomware_suspect]	

Example response


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "file": {
        "format": "pdf",
        "name": "test_file",
        "path": "d1/d2/d3",
        "reason": "High Entropy",
        "suspect_time": "2021-05-12 11:00:16 -0400"
      },
      "volume": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "volume1",
        "uuid": "028baa66-41bd-11e9-81d5-00a0986138f7"
      }
    }
  ]
}
```


Error

```
Status: Default, Error
```

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	

file

Name	Type	Description
format	string	File format of the suspected file.
name	string	Name of the suspected file.
path	string	Path of the suspected file.
reason	string	Reason behind this file being suspected
suspect_time	string	Time when the file was detected as a potential suspect in date-time format.

volume

Name	Type	Description
_links	_links	
name	string	The name of the volume. This field cannot be specified in a PATCH method.

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

anti_ransomware_suspect

File suspected to be potentially attacked by ransomware.

Name	Type	Description
_links	_links	
file	file	
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.

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