



Retrieve resource tags

ONTAP 9.13.1 REST API reference

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Retrieve resource tags

Resource-tags endpoint overview

Overview

You can use this endpoint to list all of the tags that have been used on resources in the API. See the section labelled [Tagging Resources for Tracking Purposes](#) to find out more information about how to tag a resource.

Examples

The following examples show some ways that this endpoint can be used.

List all of the used tags

```
# The API:
/api/resource-tags

# The call:
curl -X GET "https://<mgmt-ip>/api/resource-tags"

# The response:
{
  "records": [
    {
      "value": "team:accounting",
      "num_resources": 2,
      "_links": {
        "self": {
          "href": "/api/resource-tags/team%3Aaccounting"
        }
      }
    },
    {
      "value": "environment:test",
      "num_resources": 5,
      "_links": {
        "self": {
          "href": "/api/resource-tags/environment%3Atest"
        }
      }
    }
  ],
  "num_records": 2,
  "_links": {
    "self": {
      "href": "/api/resource-tags"
    }
  }
}
```

Find tags that are being used by at least 3 resources

```
# The API:
/api/resource-tags

# The call:
curl -X GET "https://<mgmt-ip>/api/resource-tags?num_resources=>=3"

# The response:
{
  "records": [
    {
      "value": "environment:test",
      "num_resources": 5,
      "_links": {
        "self": {
          "href": "/api/resource-tags/environment%3Atest"
        }
      }
    }
  ],
  "num_records": 1,
  "_links": {
    "self": {
      "href": "/api/resource-tags?num_resources=>=3"
    }
  }
}
```

Retrieve currently used resource tags

GET /resource-tags

Introduced In: 9.13

Retrieves the tags currently being used for resources in the API.

Parameters

Name	Type	In	Required	Description
num_resources	integer	query	False	Filter by num_resources <ul style="list-style-type: none">• Min value: 1
value	string	query	False	Filter by value

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_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
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"> • Min value: 0 • Default value: 1 • Max value: 120
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[resource_tag]	

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": {
    "value": "team:accounting"
  }
}
```

Error

Status: Default, Error

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	

resource_tag

A resource tag is a way to group resources in the API together for identification or tracking purposes.

Name	Type	Description
num_resources	integer	The number of resources that are currently using this tag.
value	string	A key:value formatted string representing the tag's name.

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 a specific resource tag

GET /resource-tags/{value}

Introduced In: 9.13

Retrieves a specific resource tag.

Parameters

Name	Type	In	Required	Description
value	string	path	True	<ul style="list-style-type: none">format: key:value
fields	array[string]	query	False	Specify the fields to return.

Response

Status: 200, Ok

Name	Type	Description
num_resources	integer	The number of resources that are currently using this tag.
value	string	A key:value formatted string representing the tag's name.

Example response

```
{
  "value": "team:accounting"
}
```

Error

Status: Default, Error

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.

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