Manage resource tags

REST API reference

NetApp
September 12, 2025

This PDF was generated from https://docs.netapp.com/us-en/ontap-restapi-9131/resource-tags_resource_tag.value_resources_endpoint_overview.html on September 12, 2025. Always check docs.netapp.com for the latest.

Table of Contents

Manage resource tags . . . 1
- Resource-tags resource_tag.value resources endpoint overview . . . 1
- Overview . . . 1
  - Examples . . . 1
- Retrieve resources for a tag . . . 4
  - Parameters . . . 5
  - Response . . . 5
  - Error . . . 6
  - Definitions . . . 7
- Create a tag for a resource . . . 9
  - Parameters . . . 9
  - Request Body . . . 10
  - Response . . . 10
  - Error . . . 10
  - Definitions . . . 11
- Delete a tag for a resource . . . 13
  - Parameters . . . 13
  - Response . . . 13
  - Error . . . 13
  - Definitions . . . 14
- Retrieve a resource for a tag . . . 15
  - Parameters . . . 15
  - Response . . . 15
  - Error . . . 16
  - Definitions . . . 17

Manage resource tags

Resource-tags resource_tag.value resources endpoint overview

Overview

You can use this endpoint to list all of the resources in the API that have been tagged with a particular tag value. 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 resources that are tagged for the test environment.

```
# The API:
/api/resource-tags/environment:test/resources

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

# The response:
{
"records": [
  {
    "href": "/api/storage/volumes/558949d1-d4cf-445e-ada5-e340dee6a581",
    "_links": {
      "self": {
        "href": "/api/resource-
tags/environment:test/resources/%2Fapi%2Fstorage%2Fvolumes%2F558949d1-
d4cf-445e-ada5-e340dee6a581"
      }
    }
  },
  {
    "href": "/api/svm/svms/7f97a0b1-fe4f-11e8-b9c5-005056a76061",
    "_links": {
      "self": {
        "href": "/api/resource-
tags/environment:test/resources/%2Fapi%2Fsvm%2Fsvms%2F7f97a0b1-fe4f-11e8-
b9c5-005056a76061"
      }
    }
```

```
  },
  {
    "href": "/api/cluster",
    "_links": {
      "self": {
        "href": "/api/resource-
tags/environment:test/resources/%2Fapi%2Fcluster"
      }
    }
  }
],
"num_records": 3,
"_links": {
  "self": {
    "href": "/api/resource-tags/environment:test/resources"
  }
}
}
```

List all volumes that have been tagged for the accounting team

```
# The API:
/api/resource-tags/team:accounting/resources

# The call:
curl -X GET "https://<mgmt-ip>/api/resource-
tags/team:accounting/resources?label=storage_volumes"

# The response:
{
"records": [
  {
    "href": "/api/storage/volumes/558949d1-d4cf-445e-ada5-e340dee6a581",
    "label": "storage_volumes",
    "_links": {
      "self": {
        "href": "/api/resource-
tags/environment:test/resources/%2Fapi%2Fstorage%2Fvolumes%2F558949d1-
d4cf-445e-ada5-e340dee6a581"
      }
    }
  },
  {
    "href": "/api/storage/volumes/64750961-fda7-4327-9f16-00034c3f5ad2",
```

```
    "label": "storage_volumes",
    "_links": {
      "self": {
        "href": "/api/resource-
tags/environment:test/resources/%2Fapi%2Fstorage%2Fvolumes%2F64750961-
fda7-4327-9f16-00034c3f5ad2"
      }
    }
  },
  {
    "href": "/api/storage/volumes/bee17b91-f90a-4854-b146-8b102a0a9882",
    "label": "storage_volumes",
    "_links": {
      "self": {
        "href": "/api/resource-
tags/environment:test/resources/%2Fapi%2Fstorage%2Fvolumes%2Fbee17b91-
f90a-4854-b146-8b102a0a9882"
      }
    }
  }
],
"num_records": 3,
"_links": {
  "self": {
    "href": "/api/resource-
tags/environment:test/resources?label=storage_volumes"
  }
}
}
```

Create a new tag on a volume

```
# The API:
/api/resource-tags/team:accounting/resources

# The call:
curl -X POST "https://<mgmt-ip>/api/resource-
tags/team:accounting/resources" -d '{"href":
"/api/storage/volumes/f288168e-bd3e-11ed-9516-005056acd4e8"}'

# The response
{
"num_records": 1,
"records": [
  {
    "href": "/api/storage/volumes/f288168e-bd3e-11ed-9516-005056acd4e8",
    "_links": {
      "self": {
        "href": "/api/resource-
tags/team:accounting/resources/%2Fapi%2Fstorage%2Fvolumes%2Ff288168e-bd3e-
11ed-9516-005056acd4e8"
      }
    }
  }
]
}
```

Delete a new tag on a volume

```
# The API:
/resource-tags/{resource_tag.value}/resources/{href}

# The call:
curl -X DELETE "https://<mgmt-ip>/api/resource-
tags/team:accounting/resources/%2Fapi%2Fstorage%2Fvolumes%2Ff288168e-bd3e-
11ed-9516-005056acd4e8"
```

Retrieve resources for a tag

GET `/resource-tags/{resource_tag.value}/resources`

Introduced In: 9.13

Retrieves the resources for a specific tag

Parameters

Name	Type	In	Required	Description
resource_tag.value	string	path	True	• format: key:value
svm.uuid	string	query	False	Filter by svm.uuid
svm.name	string	query	False	Filter by svm.name
label	string	query	False	Filter by label
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: 1 • Max value: 120 • Min value: 0
fields	array[string]	query	False	Specify the fields to return.
max_records	integer	query	False	Limit the number of records returned.
order_by	array[string]	query	False	Order results by specified fields and optional [asc
desc] direction. Default direction is 'asc' for ascending.	return_records	boolean	query	False

Response

```
Status: 200, Ok
```

Name	Type	Description
_links	_links	
num_records	integer	Number of records
records	array[resource_tag_resource]	

Example response


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "label": "volume",
      "svm": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      }
    }
  ]
}
```


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	

_links

Name	Type	Description
self	href	

svm

If the tagged resource belongs to an SVM, this property will be set. If the resource does not belong to an SVM (i.e. it belongs to the cluster as a whole), then this property will be empty and unreturned.

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

resource_tag_resource

This object provides a pointer to the tagged resource in the API. Details about the tagged object are available by querying the address of the href property.

Name	Type	Description
label	string	This is a human-readable classifier representing the type of thing that is pointed to by the href.

Name	Type	Description
svm	svm	If the tagged resource belongs to an SVM, this property will be set. If the resource does not belong to an SVM (i.e. it belongs to the cluster as a whole), then this property will be empty and unreturned.

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 tag for a resource

POST `/resource-tags/{resource_tag.value}/resources`

Introduced In: 9.13

Creates a new tag on a specific resource.

Parameters

Name	Type	In	Required	Description
resource_tag.value	string	path	True	• format: key:value

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
href	string	This property provides the address in the API at which the tagged resource is available. Additional queries can be made on this endpoint to fetch the resource's properties.

Example request

```
{
  "href": "string"
}
```

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
262257	The API specified in the href cannot be found.
262258	The resource specified in the href does not support tagging.
262259	The specified href cannot be parsed.
262260	The provided href is missing a key to a specific resource.
262261	The specified href points to a resource that does not exist.

Definitions

See Definitions

href

Name	Type	Description
href	string	

_links

svm

If the tagged resource belongs to an SVM, this property will be set. If the resource does not belong to an SVM (i.e. it belongs to the cluster as a whole), then this property will be empty and unreturned.

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

resource_tag_resource

This object provides a pointer to the tagged resource in the API. Details about the tagged object are available by querying the address of the href property.

Name	Type	Description
href	string	This property provides the address in the API at which the tagged resource is available. Additional queries can be made on this endpoint to fetch the resource's properties.

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

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

Delete a tag for a resource

DELETE `/resource-tags/{resource_tag.value}/resources/{href}`

Introduced In: 9.13

Deletes a specific tag on a specific resource.

Parameters

Name	Type	In	Required	Description
resource_tag.value	string	path	True	• format: key:value
href	string	path	True	

Response

```
Status: 200, Ok
```

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.

Retrieve a resource for a tag

GET `/resource-tags/{resource_tag.value}/resources/{href}`

Introduced In: 9.13

Retrieves a specific resource for a specific tag.

Parameters

Name	Type	In	Required	Description
resource_tag.value	string	path	True	• format: key:value
href	string	path	True	
fields	array[string]	query	False	Specify the fields to return.

Response

```
Status: 200, Ok
```

Name	Type	Description
label	string	This is a human-readable classifier representing the type of thing that is pointed to by the href.
svm	svm	If the tagged resource belongs to an SVM, this property will be set. If the resource does not belong to an SVM (i.e. it belongs to the cluster as a whole), then this property will be empty and unreturned.

Example response


```
{
  "label": "volume",
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```


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
self	href	

svm

If the tagged resource belongs to an SVM, this property will be set. If the resource does not belong to an SVM (i.e. it belongs to the cluster as a whole), then this property will be empty and unreturned.

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

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.

Copyright information

Copyright © 2025 NetApp, Inc. All Rights Reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system—without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

Trademark information

NETAPP, the NETAPP logo, and the marks listed at http://www.netapp.com/TM are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.