



Manage QoS workloads

REST API reference

NetApp
July 17, 2026

This PDF was generated from https://docs.netapp.com/us-en/ontap-restapi-9181/storage_qos_workloads_endpoint_overview.html on July 17, 2026. Always check docs.netapp.com for the latest.

Table of Contents

- Manage QoS workloads 1
 - Manage QoS workloads 1
 - Quality of Service Workloads 1
 - Examples 1
 - Retrieve QoS workloads 1
 - Parameters 1
 - Response 3
 - Error 5
 - Definitions 5
 - Retrieve a QoS workload 8
 - Related ONTAP command 8
 - Parameters 8
 - Response 9
 - Error 10
 - Definitions 11

Manage QoS workloads

Manage QoS workloads

Quality of Service Workloads

A QoS workload represents a storage object that is tracked by QoS.

Examples

Retrieving a list of QoS workloads from the cluster

The following example retrieves all the workloads in the cluster.

```
curl -X GET "https://<mgmt-ip>/api/storage/qos/workloads" -H "accept: application/hal+json"
```

Retrieving a specific QoS workload from the cluster

The following example retrieves a requested workload from the cluster.

```
curl -X GET "https://<mgmt-ip>/api/storage/qos/workloads/77b68b1c-a458-11eb-baaa-005056bb873e" -H "accept: application/hal+json"
```

Retrieve QoS workloads

GET /storage/qos/workloads

Introduced In: 9.10

Retrieves a collection of QoS workloads.

Parameters

Name	Type	In	Required	Description
svm.name	string	query	False	Filter by svm.name

Name	Type	In	Required	Description
svm.uuid	string	query	False	Filter by svm.uuid
name	string	query	False	Filter by name
wid	integer	query	False	Filter by wid
policy.name	string	query	False	Filter by policy.name
policy.uuid	string	query	False	Filter by policy.uuid
lun	string	query	False	Filter by lun
volume	string	query	False	Filter by volume
qtree	string	query	False	Filter by qtree
workload_class	string	query	False	Filter by workload_class
uuid	string	query	False	Filter by uuid
file	string	query	False	Filter by file
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	The default is true for GET calls. When set to false, only the number of records is returned. • Default value: 1

Name	Type	In	Required	Description
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	
error	error	
num_records	integer	Number of records
records	array[qos_workload]	

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "error": {
    "arguments": [
      {
        "code": "string",
        "message": "string"
      }
    ],
    "code": "4",
    "message": "entry doesn't exist"
  },
  "num_records": 1,
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "file": "string",
      "lun": "string",
      "name": "volume1-widl23",
      "policy": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "performance",
        "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
      },
      "qtree": "string",
      "svm": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        }
      }
    }
  ]
}
```

```

    }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412",
  "volume": "volume1",
  "wid": 123,
  "workload_class": "autovolume"
}
]
}

```

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	

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

_links

Name	Type	Description
self	href	

policy

QoS policy group reference.

Name	Type	Description
_links	_links	

Name	Type	Description
name	string	The QoS policy group name. This is mutually exclusive with UUID and other QoS attributes during POST and PATCH.
uuid	string	The QoS policy group UUID. This is mutually exclusive with name and other QoS attributes during POST and PATCH.

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.

qos_workload

Name	Type	Description
_links	_links	
file	string	Name of the file.
lun	string	Name of the LUN. The name of the LUN will be displayed as "(unknown)" if the name cannot be retrieved.
name	string	Name of the QoS workload.
policy	policy	QoS policy group reference.
qtree	string	Name of the Qtree.
svm	svm	SVM, applies only to SVM-scoped objects.

Name	Type	Description
uuid	string	
volume	string	Name of the volume. The name of the volume will be displayed as "(unknown)" if the name cannot be retrieved.
wid	integer	Workload ID of the QoS workload.
workload_class	string	Class of the QoS workload.

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 a QoS workload

GET /storage/qos/workloads/{uuid}

Introduced In: 9.10

Retrieves a specific QoS workload.

Related ONTAP command

- `qos workload show`

Parameters

Name	Type	In	Required	Description
uuid	string	path	True	
fields	array[string]	query	False	Specify the fields to return.

Response

Status: 200, Ok

Name	Type	Description
_links	_links	
file	string	Name of the file.
lun	string	Name of the LUN. The name of the LUN will be displayed as "(unknown)" if the name cannot be retrieved.
name	string	Name of the QoS workload.
policy	policy	QoS policy group reference.
qtree	string	Name of the Qtree.
svm	svm	SVM, applies only to SVM-scoped objects.
uuid	string	
volume	string	Name of the volume. The name of the volume will be displayed as "(unknown)" if the name cannot be retrieved.
wid	integer	Workload ID of the QoS workload.
workload_class	string	Class of the QoS workload.

Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "file": "string",
  "lun": "string",
  "name": "volume1-wid123",
  "policy": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "performance",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "qtree": "string",
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412",
  "volume": "volume1",
  "wid": 123,
  "workload_class": "autovolume"
}
```

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
self	href	

policy

QoS policy group reference.

Name	Type	Description
_links	_links	
name	string	The QoS policy group name. This is mutually exclusive with UUID and other QoS attributes during POST and PATCH.
uuid	string	The QoS policy group UUID. This is mutually exclusive with name and other QoS attributes during POST and PATCH.

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.

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.

Copyright information

Copyright © 2026 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.