



# Manage storage quota reports

## ONTAP 9.6 REST API reference

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# Manage storage quota reports

## Storage quota reports endpoint overview

### Overview

Quota reports provide the current file and space consumption for a user, group, or qtree in a FlexVol or a FlexGroup volume.

### Quota report APIs

The following APIs can be used to retrieve quota reports associated with a volume in ONTAP.

&ndash; GET /api/storage/quota/reports

&ndash; GET /api/storage/quota/reports/{volume\_uuid}/{index}

### Examples

#### Retrieving all the quota report records

This API is used to retrieve all the quota report records.

The following example shows how to retrieve quota report records for all FlexVols and FlexGroup volumes.

```
# The API:
GET /api/storage/quota/reports

# The call:
curl -X GET "https://<mgmt-ip>/api/storage/quota/reports" -H 'accept:
application/hal+json'

# The response:
{
  "records": [
    {
      "svm": {
        "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
        "name": "svm1",
        "_links": {
          "self": {
            "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
          }
        }
      },
      "volume": {
```

```
    "uuid": "314a328f-502d-11e9-8771-005056a7f717",
    "name": "fg",
    "_links": {
      "self": {
        "href": "/api/storage/volumes/314a328f-502d-11e9-8771-005056a7f717"
      }
    }
  },
  "index": 0,
  "_links": {
    "self": {
      "href": "/api/storage/quota/reports/314a328f-502d-11e9-8771-005056a7f717/0"
    }
  }
},
{
  "svm": {
    "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
    "name": "svml",
    "_links": {
      "self": {
        "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
      }
    }
  },
  "volume": {
    "uuid": "314a328f-502d-11e9-8771-005056a7f717",
    "name": "fg",
    "_links": {
      "self": {
        "href": "/api/storage/volumes/314a328f-502d-11e9-8771-005056a7f717"
      }
    }
  },
  "index": 1152921504606846976,
  "_links": {
    "self": {
      "href": "/api/storage/quota/reports/314a328f-502d-11e9-8771-005056a7f717/1152921504606846976"
    }
  }
},
{
```

```

"svm": {
  "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
  "name": "svml",
  "_links": {
    "self": {
      "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
    }
  }
},
"volume": {
  "uuid": "314a328f-502d-11e9-8771-005056a7f717",
  "name": "fg",
  "_links": {
    "self": {
      "href": "/api/storage/volumes/314a328f-502d-11e9-8771-
005056a7f717"
    }
  }
},
"index": 3458764513820540928,
"_links": {
  "self": {
    "href": "/api/storage/quota/reports/314a328f-502d-11e9-8771-
005056a7f717/3458764513820540928"
  }
}
},
{
  "svm": {
    "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
    "name": "svml",
    "_links": {
      "self": {
        "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
      }
    }
  },
  "volume": {
    "uuid": "314a328f-502d-11e9-8771-005056a7f717",
    "name": "fg",
    "_links": {
      "self": {
        "href": "/api/storage/volumes/314a328f-502d-11e9-8771-
005056a7f717"
      }
    }
  }
}

```

```

    },
    "index": 4611686018427387904,
    "_links": {
      "self": {
        "href": "/api/storage/quota/reports/314a328f-502d-11e9-8771-005056a7f717/4611686018427387904"
      }
    }
  },
  {
    "svm": {
      "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
      "name": "svml",
      "_links": {
        "self": {
          "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
        }
      }
    },
    "volume": {
      "uuid": "314a328f-502d-11e9-8771-005056a7f717",
      "name": "fg",
      "_links": {
        "self": {
          "href": "/api/storage/volumes/314a328f-502d-11e9-8771-005056a7f717"
        }
      }
    },
    "index": 5764607523034234880,
    "_links": {
      "self": {
        "href": "/api/storage/quota/reports/314a328f-502d-11e9-8771-005056a7f717/5764607523034234880"
      }
    }
  },
  {
    "svm": {
      "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
      "name": "svml",
      "_links": {
        "self": {
          "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
        }
      }
    }
  }
}

```

```

    },
    "volume": {
      "uuid": "cb20da45-4f6b-11e9-9a71-005056a7f717",
      "name": "fv",
      "_links": {
        "self": {
          "href": "/api/storage/volumes/cb20da45-4f6b-11e9-9a71-
005056a7f717"
        }
      }
    },
    "index": 0,
    "_links": {
      "self": {
        "href": "/api/storage/quota/reports/cb20da45-4f6b-11e9-9a71-
005056a7f717/0"
      }
    }
  },
  {
    "svm": {
      "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
      "name": "svml",
      "_links": {
        "self": {
          "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
        }
      }
    },
    "volume": {
      "uuid": "cb20da45-4f6b-11e9-9a71-005056a7f717",
      "name": "fv",
      "_links": {
        "self": {
          "href": "/api/storage/volumes/cb20da45-4f6b-11e9-9a71-
005056a7f717"
        }
      }
    },
    "index": 281474976710656,
    "_links": {
      "self": {
        "href": "/api/storage/quota/reports/cb20da45-4f6b-11e9-9a71-
005056a7f717/281474976710656"
      }
    }
  }
}

```

```

},
{
  "svm": {
    "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
    "name": "svml",
    "_links": {
      "self": {
        "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
      }
    }
  },
  "volume": {
    "uuid": "cb20da45-4f6b-11e9-9a71-005056a7f717",
    "name": "fv",
    "_links": {
      "self": {
        "href": "/api/storage/volumes/cb20da45-4f6b-11e9-9a71-005056a7f717"
      }
    }
  },
  "index": 1152921504606846976,
  "_links": {
    "self": {
      "href": "/api/storage/quota/reports/cb20da45-4f6b-11e9-9a71-005056a7f717/1152921504606846976"
    }
  }
},
{
  "svm": {
    "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
    "name": "svml",
    "_links": {
      "self": {
        "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
      }
    }
  },
  "volume": {
    "uuid": "cb20da45-4f6b-11e9-9a71-005056a7f717",
    "name": "fv",
    "_links": {
      "self": {
        "href": "/api/storage/volumes/cb20da45-4f6b-11e9-9a71-005056a7f717"
      }
    }
  }
}

```



```

    }
  },
  "index": 1153202979583557632,
  "_links": {
    "self": {
      "href": "/api/storage/quota/reports/cb20da45-4f6b-11e9-9a71-005056a7f717/1153202979583557632"
    }
  }
},
{
  "svm": {
    "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
    "name": "svm1",
    "_links": {
      "self": {
        "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
      }
    }
  },
  "volume": {
    "uuid": "cb20da45-4f6b-11e9-9a71-005056a7f717",
    "name": "fv",
    "_links": {
      "self": {
        "href": "/api/storage/volumes/cb20da45-4f6b-11e9-9a71-005056a7f717"
      }
    }
  },
  "index": 2305843013508661248,
  "_links": {
    "self": {
      "href": "/api/storage/quota/reports/cb20da45-4f6b-11e9-9a71-005056a7f717/2305843013508661248"
    }
  }
},
{
  "svm": {
    "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
    "name": "svm1",
    "_links": {
      "self": {
        "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
      }
    }
  }
}

```

```

    }
  },
  "volume": {
    "uuid": "cb20da45-4f6b-11e9-9a71-005056a7f717",
    "name": "fv",
    "_links": {
      "self": {
        "href": "/api/storage/volumes/cb20da45-4f6b-11e9-9a71-005056a7f717"
      }
    }
  },
  "index": 3458764513820540928,
  "_links": {
    "self": {
      "href": "/api/storage/quota/reports/cb20da45-4f6b-11e9-9a71-005056a7f717/3458764513820540928"
    }
  }
},
{
  "svm": {
    "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
    "name": "svm1",
    "_links": {
      "self": {
        "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
      }
    }
  },
  "volume": {
    "uuid": "cb20da45-4f6b-11e9-9a71-005056a7f717",
    "name": "fv",
    "_links": {
      "self": {
        "href": "/api/storage/volumes/cb20da45-4f6b-11e9-9a71-005056a7f717"
      }
    }
  },
  "index": 3459045988797251584,
  "_links": {
    "self": {
      "href": "/api/storage/quota/reports/cb20da45-4f6b-11e9-9a71-005056a7f717/3459045988797251584"
    }
  }
}

```

```

    }
  },
  {
    "svm": {
      "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
      "name": "svm1",
      "_links": {
        "self": {
          "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
        }
      }
    },
    "volume": {
      "uuid": "cb20da45-4f6b-11e9-9a71-005056a7f717",
      "name": "fv",
      "_links": {
        "self": {
          "href": "/api/storage/volumes/cb20da45-4f6b-11e9-9a71-
005056a7f717"
        }
      }
    },
    "index": 4611686018427387904,
    "_links": {
      "self": {
        "href": "/api/storage/quota/reports/cb20da45-4f6b-11e9-9a71-
005056a7f717/4611686018427387904"
      }
    }
  },
  {
    "svm": {
      "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
      "name": "svm1",
      "_links": {
        "self": {
          "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
        }
      }
    },
    "volume": {
      "uuid": "cb20da45-4f6b-11e9-9a71-005056a7f717",
      "name": "fv",
      "_links": {
        "self": {

```

```

    "href": "/api/storage/volumes/cb20da45-4f6b-11e9-9a71-005056a7f717"
  }
}
},
"index": 4611967493404098560,
"_links": {
  "self": {
    "href": "/api/storage/quota/reports/cb20da45-4f6b-11e9-9a71-005056a7f717/4611967493404098560"
  }
}
},
{
  "svm": {
    "uuid": "b68f961b-4cee-11e9-930a-005056a7f717",
    "name": "svm1",
    "_links": {
      "self": {
        "href": "/api/svm/svms/b68f961b-4cee-11e9-930a-005056a7f717"
      }
    }
  },
  "volume": {
    "uuid": "cb20da45-4f6b-11e9-9a71-005056a7f717",
    "name": "fv",
    "_links": {
      "self": {
        "href": "/api/storage/volumes/cb20da45-4f6b-11e9-9a71-005056a7f717"
      }
    }
  },
  "index": 5764607523034234880,
  "_links": {
    "self": {
      "href": "/api/storage/quota/reports/cb20da45-4f6b-11e9-9a71-005056a7f717/5764607523034234880"
    }
  }
}
],
"num_records": 15,
"_links": {
  "self": {
    "href": "/api/storage/quota/reports/"
  }
}

```

```
}  
}  
}
```

## Retrieving a specific quota report record

This API is used to retrieve a specific quota report record.

The following example shows how to retrieve a single quota report user record.

```
# The API:  
GET /api/storage/quota/reports/{volume.uuid}/{index}  
  
# The call:  
curl -X GET "https://<mgmt-ip>/api/storage/quota/reports/cf480c37-2a6b-11e9-8513-005056a7657c/281474976710656" -H 'accept: application/hal+json'  
  
# Response for quota report user record:  
{  
  "svm": {  
    "uuid": "5093e722-248e-11e9-96ee-005056a7657c",  
    "name": "svm1",  
    "_links": {  
      "self": {  
        "href": "/api/svm/svms/5093e722-248e-11e9-96ee-005056a7657c"  
      }  
    }  
  },  
  "volume": {  
    "uuid": "cf480c37-2a6b-11e9-8513-005056a7657c",  
    "name": "fv",  
    "_links": {  
      "self": {  
        "href": "/api/storage/volumes/cf480c37-2a6b-11e9-8513-005056a7657c"  
      }  
    }  
  },  
  "index": 281474976710656,  
  "type": "user",  
  "users": [  
    {  
      "name": "fred",  
      "id" : "300008"  
    }  
  ]  
}
```

```

    }
  ],
  "qtree": {
    "name": "qt1",
    "id": 1,
    "_links": {
      "self": {
        "href": "/api/storage/qtrees/cf480c37-2a6b-11e9-8513-005056a7657c/1"
      }
    }
  },
  "space": {
    "hard_limit": 41943040,
    "soft_limit": 31457280,
    "used": {
      "total": 10567680,
      "soft_limit_percent": 34,
      "hard_limit_percent": 25
    }
  },
  "files": {
    "soft_limit": 30,
    "hard_limit": 40,
    "used": {
      "total": 11,
      "soft_limit_percent": 37,
      "hard_limit_percent": 28
    }
  },
  "_links": {
    "self": {
      "href": "/api/storage/quota/reports/cf480c37-2a6b-11e9-8513-005056a7657c/281474976710656"
    }
  }
}

```

## Retrieving a single quota report multi-user record

```

# The call:
curl -X GET "https://<mgmt-ip>/api/storage/quota/reports/cf480c37-2a6b-

```

```
11e9-8513-005056a7657c/281474976710656" -H 'accept: application/hal+json'

# Response for quota report multi-user record:
{
  "svm": {
    "uuid": "5093e722-248e-11e9-96ee-005056a7657c",
    "name": "svml",
    "_links": {
      "self": {
        "href": "/api/svm/svms/5093e722-248e-11e9-96ee-005056a7657c"
      }
    }
  },
  "volume": {
    "uuid": "cf480c37-2a6b-11e9-8513-005056a7657c",
    "name": "fv",
    "_links": {
      "self": {
        "href": "/api/storage/volumes/cf480c37-2a6b-11e9-8513-005056a7657c"
      }
    }
  },
  "index": 1153484454560268288,
  "type": "user",
  "users": [
    {
      "name": "fred",
      "id" : "300008"
    },
    {
      "name": "john",
      "id" : "300009"
    },
    {
      "name": "smith",
      "id" : "300010"
    }
  ],
  "qtree": {
    "name": "qt1",
    "id": 1,
    "_links": {
      "self": {
        "href": "/api/storage/qtrees/cf480c37-2a6b-11e9-8513-005056a7657c/1"
      }
    }
  }
}
```

```

},
"space": {
  "hard_limit": 41943040,
  "soft_limit": 31457280,
  "used": {
    "total": 10567680,
    "soft_limit_percent": 34,
    "hard_limit_percent": 25
  }
}
"files": {
  "soft_limit": 30,
  "hard_limit": 40,
  "used": {
    "total": 11,
    "soft_limit_percent": 37,
    "hard_limit_percent": 28
  }
}
}_links": {
  "self": {
    "href": "/api/storage/quota/reports/cf480c37-2a6b-11e9-8513-005056a7657c/1153484454560268288"
  }
}
}
}

```

## Retrieving a single quota report group record

```

# The call:
curl -X GET "https://<mgmt-ip>/api/storage/quota/reports/cf480c37-2a6b-11e9-8513-005056a7657c/3459045988797251584" -H 'accept: application/hal+json'

# Response for quota report group record:
{
"svm": {
  "uuid": "5093e722-248e-11e9-96ee-005056a7657c",
  "name": "svm1",
  "_links": {
    "self": {

```



```
    "href": "/api/svm/svms/5093e722-248e-11e9-96ee-005056a7657c"
  }
}
},
"volume": {
  "uuid": "cf480c37-2a6b-11e9-8513-005056a7657c",
  "name": "fv",
  "_links": {
    "self": {
      "href": "/api/storage/volumes/cf480c37-2a6b-11e9-8513-005056a7657c"
    }
  }
},
"index": 3459045988797251584,
"type": "group",
"group": {
  "name" : "test_group",
  "id"   : "500009"
},
"qtree": {
  "name": "qt1",
  "id": 1,
  "_links": {
    "self": {
      "href": "/api/storage/qtrees/cf480c37-2a6b-11e9-8513-005056a7657c/1"
    }
  }
},
"space": {
  "hard_limit": 41943040,
  "soft_limit": 31457280,
  "used": {
    "total": 10567680,
    "soft_limit_percent": 34,
    "hard_limit_percent": 25
  }
}
"files": {
  "soft_limit": 30,
  "hard_limit": 40,
  "used": {
    "total": 11,
    "soft_limit_percent": 37,
    "hard_limit_percent": 28
  }
}
}
```

```
"_links": {
  "self": {
    "href": "/api/storage/quota/reports/cf480c37-2a6b-11e9-8513-005056a7657c/3459045988797251584"
  }
}
}
```

---

## Retrieving a single quota report tree record

---

```
# The call:
curl -X GET "https://<mgmt-ip>/api/storage/quota/reports/cf480c37-2a6b-11e9-8513-005056a7657c/4612248968380809216" -H 'accept: application/hal+json'

# Response for quota report tree record:
{
  "svm": {
    "uuid": "5093e722-248e-11e9-96ee-005056a7657c",
    "name": "svm1",
    "_links": {
      "self": {
        "href": "/api/svm/svms/5093e722-248e-11e9-96ee-005056a7657c"
      }
    }
  },
  "volume": {
    "uuid": "cf480c37-2a6b-11e9-8513-005056a7657c",
    "name": "fv",
    "_links": {
      "self": {
        "href": "/api/storage/volumes/cf480c37-2a6b-11e9-8513-005056a7657c"
      }
    }
  },
  "index": 4612248968380809216,
  "type": "tree",
  "qtree": {
    "name": "qt1",
    "id": 1,
    "_links": {
```

```

    "self": {
      "href": "/api/storage/qtrees/cf480c37-2a6b-11e9-8513-005056a7657c/1"
    }
  },
  "space": {
    "hard_limit": 41943040,
    "soft_limit": 31457280,
    "used": {
      "total": 10567680,
      "soft_limit_percent": 34,
      "hard_limit_percent": 25
    }
  },
  "files": {
    "soft_limit": 30,
    "hard_limit": 40,
    "used": {
      "total": 11,
      "soft_limit_percent": 37,
      "hard_limit_percent": 28
    }
  },
  "_links": {
    "self": {
      "href": "/api/storage/quota/reports/cf480c37-2a6b-11e9-8513-005056a7657c/4612248968380809216"
    }
  }
}

```

## Retrieve the quota report records for all FlexVol and FlexGroup volumes

GET /storage/quota/reports

Retrieves the quota report records for all FlexVols and FlexGroup volumes.

### Related ONTAP commands

- quota report

## Learn more

- [DOC /storage/quota/reports](#)

## Parameters

Name	Type	In	Required	Description
qtree.name	string	query	False	Filter by qtree.name
qtree.id	integer	query	False	Filter by qtree.id
index	integer	query	False	Filter by index
files.hard_limit	integer	query	False	Filter by files.hard_limit
files.soft_limit	integer	query	False	Filter by files.soft_limit
files.used.soft_limit_percent	string	query	False	Filter by files.used.soft_limit_percent
files.used.total	integer	query	False	Filter by files.used.total
files.used.hard_limit_percent	string	query	False	Filter by files.used.hard_limit_percent
svm.uuid	string	query	False	Filter by svm.uuid
svm.name	string	query	False	Filter by svm.name
type	string	query	False	Filter by type
space.soft_limit	integer	query	False	Filter by space.soft_limit
space.hard_limit	integer	query	False	Filter by space.hard_limit
space.used.soft_limit_percent	string	query	False	Filter by space.used.soft_limit_percent

Name	Type	In	Required	Description
space.used.hard_limit_percent	string	query	False	Filter by space.used.hard_limit_percent
space.used.total	integer	query	False	Filter by space.used.total
volume.name	string	query	False	Filter by volume.name
volume.uuid	string	query	False	Filter by volume.uuid
users.id	string	query	False	Filter by users.id
users.name	string	query	False	Filter by users.name
group.name	string	query	False	Filter by group.name
group.id	string	query	False	Filter by group.id
specifier	string	query	False	Filter by specifier
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.
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.

Name	Type	In	Required	Description
order_by	array[string]	query	False	Order results by specified fields and optional [asc

## Response

Status: 200, Ok

Name	Type	Description
_links	<a href="#">_links</a>	
num_records	integer	Number of records
records	array[ <a href="#">quota_report</a> ]	

## Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "files": {
        "hard_limit": 0,
        "soft_limit": 0,
        "used": {
          "hard_limit_percent": "string",
          "soft_limit_percent": "string",
          "total": 0
        }
      },
      "group": {
        "id": "string",
        "name": "string"
      },
      "index": 0,
      "qtree": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "id": 1,
        "name": "qt1"
      },
      "space": {
        "hard_limit": 0,
        "soft_limit": 0,
        "used": {
          "hard_limit_percent": "string",
```

```

        "soft_limit_percent": "string",
        "total": 0
    }
},
"specifier": "string",
"svm": {
    "_links": {
        "self": {
            "href": "/api/resourcelink"
        }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
},
"type": "string",
"users": [
    {
        "id": "string",
        "name": "string"
    }
],
"volume": {
    "_links": {
        "self": {
            "href": "/api/resourcelink"
        }
    },
    "name": "volume1",
    "uuid": "028baa66-41bd-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	<a href="#">href</a>	
self	<a href="#">href</a>	

\_links

Name	Type	Description
self	<a href="#">href</a>	

used

Name	Type	Description
hard_limit_percent	string	Total files used as a percentage of file hard limit
soft_limit_percent	string	Total files used as a percentage of file soft limit
total	integer	Total files used

files

Name	Type	Description
hard_limit	integer	File hard limit
soft_limit	integer	File soft limit
used	<a href="#">used</a>	

group

This parameter specifies the target group associated with the given quota report record. This parameter is available for group quota records and is not available for user or tree quota records. The target group is identified by a UNIX group name and UNIX group identifier.

Name	Type	Description
id	string	Quota target group ID
name	string	Quota target group name

#### qtree

This parameter specifies the target qtree to which the user/group/tree quota policy rule applies. For a user/group quota policy rule at qtree level, this parameter takes a qtree name and is valid in GET or POST. For a user/group quota policy rule at volume level, this parameter is not valid in GET or POST. For a tree quota policy rule, this parameter is mandatory and is valid in both POST and GET. For a default tree quota policy rule, this parameter needs to be specified as "". For a tree quota policy rule at qtree level, this parameter takes a qtree name and is valid in GET or POST.

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
id	integer	The unique identifier for a qtree.
name	string	The name of the qtree.

#### used

Name	Type	Description
hard_limit_percent	string	Total space used as a percentage of space hard limit
soft_limit_percent	string	Total space used as a percentage of space soft limit
total	integer	Total space used

#### space

Name	Type	Description
hard_limit	integer	Space hard limit in bytes
soft_limit	integer	Space soft limit in bytes
used	<a href="#">used</a>	

#### svm

SVM, applies only to SVM-scoped objects.

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

#### users

Name	Type	Description
id	string	Quota target user ID
name	string	Quota target user name

#### volume

Name	Type	Description
_links	<a href="#">_links</a>	
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"> <li>• example: 028baa66-41bd-11e9-81d5-00a0986138f7</li> </ul>

#### quota\_report

Name	Type	Description
_links	<a href="#">_links</a>	
files	<a href="#">files</a>	
group	<a href="#">group</a>	<p>This parameter specifies the target group associated with the given quota report record. This parameter is available for group quota records and is not available for user or tree quota records. The target group is identified by a UNIX group name and UNIX group identifier.</p>

Name	Type	Description
index	integer	Index that identifies a unique quota record. Valid in URL.
qtree	qtree	This parameter specifies the target qtree to which the user/group/tree quota policy rule applies. For a user/group quota policy rule at qtree level, this parameter takes a qtree name and is valid in GET or POST. For a user/group quota policy rule at volume level, this parameter is not valid in GET or POST. For a tree quota policy rule, this parameter is mandatory and is valid in both POST and GET. For a default tree quota policy rule, this parameter needs to be specified as "". For a tree quota policy rule at qtree level, this parameter takes a qtree name and is valid in GET or POST.
space	space	
specifier	string	Quota specifier
svm	svm	SVM, applies only to SVM-scoped objects.
type	string	Quota type associated with the quota record.
users	array[users]	This parameter specifies the target user or users associated with the given quota report record. This parameter is available for user quota records and is not available for group or tree quota records. The target user or users are identified by a user name and user identifier. The user name can be a UNIX user name or a Windows user name, and the identifier can be a UNIX user identifier or a Windows security identifier.
volume	volume	

## error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

## error

Name	Type	Description
arguments	array[ <a href="#">error_arguments</a> ]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

## Retrieve a specific quota report record

GET /storage/quota/reports/{volume.uuid}/{index}

Retrieves a specific quota report record.

### Related ONTAP commands

- `quota report`

### Learn more

- [DOC /storage/quota/reports](#)

### Parameters

Name	Type	In	Required	Description
volume.uuid	string	path	True	Volume UUID
index	integer	path	True	Quota report index
fields	array[string]	query	False	Specify the fields to return.

## Response

Status: 200, Ok

Name	Type	Description
_links	<a href="#">_links</a>	
files	<a href="#">files</a>	
group	<a href="#">group</a>	This parameter specifies the target group associated with the given quota report record. This parameter is available for group quota records and is not available for user or tree quota records. The target group is identified by a UNIX group name and UNIX group identifier.
index	integer	Index that identifies a unique quota record. Valid in URL.
qtree	<a href="#">qtree</a>	This parameter specifies the target qtree to which the user/group/tree quota policy rule applies. For a user/group quota policy rule at qtree level, this parameter takes a qtree name and is valid in GET or POST. For a user/group quota policy rule at volume level, this parameter is not valid in GET or POST. For a tree quota policy rule, this parameter is mandatory and is valid in both POST and GET. For a default tree quota policy rule, this parameter needs to be specified as "". For a tree quota policy rule at qtree level, this parameter takes a qtree name and is valid in GET or POST.
space	<a href="#">space</a>	
specifier	string	Quota specifier
svm	<a href="#">svm</a>	SVM, applies only to SVM-scoped objects.
type	string	Quota type associated with the quota record.

Name	Type	Description
users	array[users]	<p>This parameter specifies the target user or users associated with the given quota report record. This parameter is available for user quota records and is not available for group or tree quota records. The target user or users are identified by a user name and user identifier. The user name can be a UNIX user name or a Windows user name, and the identifier can be a UNIX user identifier or a Windows security identifier.</p>
volume	volume	



## Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "files": {
    "hard_limit": 0,
    "soft_limit": 0,
    "used": {
      "hard_limit_percent": "string",
      "soft_limit_percent": "string",
      "total": 0
    }
  },
  "group": {
    "id": "string",
    "name": "string"
  },
  "index": 0,
  "qtree": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "id": 1,
    "name": "qt1"
  },
  "space": {
    "hard_limit": 0,
    "soft_limit": 0,
    "used": {
      "hard_limit_percent": "string",
      "soft_limit_percent": "string",
      "total": 0
    }
  },
  "specifier": "string",
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    }
  }
}
```

```

    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "type": "string",
  "users": [
    {
      "id": "string",
      "name": "string"
    }
  ],
  "volume": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "volume1",
    "uuid": "028baa66-41bd-11e9-81d5-00a0986138f7"
  }
}

```

## Error

Status: Default

### ONTAP Error Response Codes

Error Code	Description
918235	A volume with UUID was not found.

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	<a href="#">href</a>	

used

Name	Type	Description
hard_limit_percent	string	Total files used as a percentage of file hard limit
soft_limit_percent	string	Total files used as a percentage of file soft limit
total	integer	Total files used

files

Name	Type	Description
hard_limit	integer	File hard limit
soft_limit	integer	File soft limit
used	<a href="#">used</a>	

group

This parameter specifies the target group associated with the given quota report record. This parameter is available for group quota records and is not available for user or tree quota records. The target group is identified by a UNIX group name and UNIX group identifier.

Name	Type	Description
id	string	Quota target group ID
name	string	Quota target group name

qtree

This parameter specifies the target qtree to which the user/group/tree quota policy rule applies. For a

user/group quota policy rule at qtree level, this parameter takes a qtree name and is valid in GET or POST. For a user/group quota policy rule at volume level, this parameter is not valid in GET or POST. For a tree quota policy rule, this parameter is mandatory and is valid in both POST and GET. For a default tree quota policy rule, this parameter needs to be specified as "". For a tree quota policy rule at qtree level, this parameter takes a qtree name and is valid in GET or POST.

Name	Type	Description
_links	<a href="#">_links</a>	
id	integer	The unique identifier for a qtree.
name	string	The name of the qtree.

used

Name	Type	Description
hard_limit_percent	string	Total space used as a percentage of space hard limit
soft_limit_percent	string	Total space used as a percentage of space soft limit
total	integer	Total space used

space

Name	Type	Description
hard_limit	integer	Space hard limit in bytes
soft_limit	integer	Space soft limit in bytes
used	<a href="#">used</a>	

svm

SVM, applies only to SVM-scoped objects.

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

users

Name	Type	Description
id	string	Quota target user ID
name	string	Quota target user name

#### volume

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
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"> <li>example: 028baa66-41bd-11e9-81d5-00a0986138f7</li> </ul>

#### error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

#### error

Name	Type	Description
arguments	array[ <a href="#">error_arguments</a> ]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

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