



## **statistics volume commands**

ONTAP 9.11.1 commands

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# statistics volume commands

## statistics volume show

Volume throughput and latency metrics

**Availability:** This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

### Description

This command continuously displays performance data for volumes at a regular interval. The command output displays data in the following columns:

- Volume - volume name.
- Vserver - vservers name.
- Aggregate - aggregate name.
- Total Ops - total number of operations per second.
- Read Ops - read operations per second.
- Write Ops - write operations per second.
- Other Ops - other operations per second.
- Read (Bps) - read throughput in bytes per second.
- Write (Bps) - write throughput in bytes per second.
- Latency(us) - average latency for an operation in microseconds.

### Parameters

**[-volume <text>] - Volume**

Selects the volume for which you want to display performance data.

**[-vserver <vserver name>] - Vserver**

Selects the vservers for which you want to display performance data.

**[-aggregate <text>] - Aggregate**

Selects the aggregate for which you want to display performance data.

**[-sort-key <text>] - Column to Sort By**

If this parameter is specified, the command displays statistics sorted by the specified column.

**-interval <integer> - Interval**

Specifies, in seconds, the interval between statistics updates. The default setting is 5 seconds.

**-iterations <integer> - Iterations**

Specifies the number of iterations the command runs before terminating. The default setting is 1. If the number is 0 (zero), the command continues to run until you interrupt it by pressing Ctrl-C.

**-max <integer> - Maximum Number of Instances**

Specifies the maximum number of volumes to display. The default setting is 25.

## Examples

The following example displays volume statistics:

```
cluster1::> statistics volume show
cluster1 : 12/31/2013 16:00:04

      *Total  Read  Write  Other   Read  Write  Latency
Volume Vserver Aggregate   Ops   Ops   Ops   Ops   (Bps) (Bps)   (us)
-----
  vol0      -   aggr0      58   13   15   29 310585  3014    39
  vol0      - aggr0_n0     56    0   11   45   8192 28826    47
[...]
```

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