



statistics volume commands

Command reference

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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
```

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

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