statistics volume commands

ONTAP commands

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Table of Contents

statistics volume commands . . . 1
statistics volume show . . . 1
Description . . . 1
Parameters . . . 1
Examples . . . 2

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 - vserver 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 vserver 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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