



statistics namespace commands

Command reference

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statistics namespace commands

statistics namespace show

Namespace 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 Namespaces at a regular interval. The command output displays data in the following columns:

- Namespace - Namespace name.
- Vserver - vservers 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(ms) - average latency for an operation in milliseconds.

Parameters

[-namespace <text>] - Namespace

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

[-vserver <vserver name>] - Vserver

Selects the vservers 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 Namespaces to display. The default setting is 25.

Examples

The following example displays Namespace statistics:

```
cluster1::> statistics namespace show
cluster1 : 12/31/2017 16:00:04
*Total Read Write Other    Read Write Latency
  Namespace Vserver      Ops  Ops   Ops   Ops   (Bps) (Bps)   (ms)
-----
ns1          vs1        58   13   15    29 310585  3014    39
ns0          vs2        56    0   11    45  8192 28826    47
[...]
```

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