statistics namespace commands

ONTAP commands

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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 - vserver 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 vserver 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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