



statistics cache commands

Command reference

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statistics cache commands

statistics cache flash-pool show

Flash pool throughput metrics

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

Description

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

- Aggregate - aggregate name.
- Vserver - vserver name.
- Volume - volume name.
- Read Hit - percent of IOs serviced from a cache level.
- Write Hit - percent of IOs serviced from a cache level.
- Cache Used - SSD cache blocks used.
- Read Blocks - read blocks.
- Write Blocks - write blocks.
- Rejects - cache rejects.

Parameters

[-aggregate <text>] - Aggregate

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

[-vserver <vserver name>] - Vserver

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

[-volume <text>] - Volume

Selects the volume 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 Flash Pool aggregates to display. The default setting is 25.

Examples

The following example displays Flash Pool statistics:

```
cluster1::> statistics cache flash-pool show
cluster1 : 12/31/2013 16:00:04
Read Write
      Hit      Hit      Cache      Read      Write
Aggregate  Vserver  Volume  (%)  (%)  Used  Blocks  Blocks
Rejects
-----
-----
```

Aggregate	Vserver	Volume	Hit (%)	Hit (%)	Cache Used	Read Blocks	Write Blocks
aggr1		- -total-	0	0	0	0	0
0							
aggr2	vs1	vol1	0	0	0	0	0
0							
[....]							

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