



# **statistics workload commands**

## **ONTAP 9.3 commands**

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# statistics workload commands

## statistics workload show

QoS workload throughput and latency metrics

**Availability:** This command is available to *cluster* administrators at the *advanced* privilege level.

### Description

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

- Workload - workload 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

**[-workload <text>] - Workload (privilege: advanced)**

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

**[-sort-key <text>] - Column to Sort By (privilege: advanced)**

If this parameter is specified, the command displays statistics sorted by the specified column.

**-interval <integer> - Interval (privilege: advanced)**

Specifies, in seconds, the interval between statistics updates. The default setting is 5 seconds.

**-iterations <integer> - Iterations (privilege: advanced)**

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 (privilege: advanced)**

Specifies the maximum number of workloads to display. The default setting is 25.

### Examples

The following example displays workload statistics:

```
cluster1::> statistics workload show
```

```
cluster1 : 12/31/2013 16:00:04
```

| Workload        | *Total<br>Ops | Read<br>Ops | Write<br>Ops | Other<br>Ops | Read<br>(Bps) | Write<br>(Bps) | Latency<br>(us) |
|-----------------|---------------|-------------|--------------|--------------|---------------|----------------|-----------------|
| -----           | -----         | -----       | -----        | -----        | -----         | -----          | -----           |
| _USERSPACE_APPS | 30            | 1           | 3            | 0            | 30765         | 8553           | 0               |
| _WAFL_SCAN      | 20            | 0           | 0            | 0            | 0             | 0              | 0               |
| _WAFL_CP        | 0             | 0           | 0            | 0            | 0             | 0              | -               |

```
[...]
```

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