



## **statistics top commands**

ONTAP 9.10.1 commands

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# statistics top commands

## statistics top client show

Most active NFS and CIFS clients

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

### Description

This command continuously displays performance data for the top NFS and CIFS clients at a regular interval. The command output displays data in the following columns:

- Client - client name.
- Vserver - vservers name.
- Node - node name.
- Total Ops - total number of operations per second.
- Total (Bps) - total throughput in bytes per second.

### Parameters

**[-node {<nodename>|local}] - Node**

Selects the node 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 maximum number of top clients to display. The default setting is 10.

### Examples

The following example displays top client statistics:

```

cluster1::> statistics top client show
cluster-1 : 12/31/1969 16:00:04
*Total Total
      Client      Vserver      Node      Ops (Bps)
-----
 172.17.236.53:938 vserver01 cluster-node2      9      80
172.17.236.160:898 vserver02 cluster-node1      6      50

[...]

```

## statistics top file show

Most actively accessed files

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

### Description

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

- File - file name.
- Volume - volume name.
- Vserver - vserver name.
- Aggregate - aggregate name.
- Node - node name.
- Total Ops - total number of operations per second.
- Total (Bps) - total throughput in bytes per second.

### Parameters

**[-node {<nodename>|local}] - Node**

Selects the node 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 maximum number of top files to display. The default setting is 10.

## Examples

The following example displays top files statistics:

```
cluster1::> statistics top file show
cluster-1 : 12/31/1969 16:00:04

Total                                                    *Total
                File  Volume  Vserver Aggregate          Node      Ops
(Bps)
-----
-----
/vol/vol01/clus/cache   vol01  vserver01   aggr1 cluster-node2      9
80
/vol/vol02             vol02  vserver02   aggr2 cluster-node1      6
50
[...]
```

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