statistics top commands

ONTAP 9.15.1 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 - vserver name.
- Node - node name.
- Total IOPs - 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:

- Total IOPS - total number of input/output operations per second.
- Node - node name.
- Vserver - vserver name.
- Aggregate - aggregate name.
- Volume - volume name.
- File - file name.

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
*Estimated
     Total
      IOPS          Node   Vserver Aggregate Volume                  File
---------- ------------- --------- --------- ------ ---------------------
         9 cluster-node2 vserver01     aggr1  vol01 /vol/vol01/clus/cache
         6 cluster-node1 vserver02     aggr2  vol02            /vol/vol02
[...]
```

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