cluster statistics commands

ONTAP 9.10.1 commands

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Table of Contents

cluster statistics commands 1
cluster statistics show 1

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cluster statistics show

Display cluster-wide statistics

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

Description

The `cluster statistics show` command displays the following information. Each item lists the current value and; if applicable, the change (delta) from the previous reported value.

- CPU busy percentage
- Average of CPU busy percentage (advanced privilege level only)
- Total number of NFS and CIFS operations
- Number of NFS operations
- Number of CIFS operations
- Number of cache operations (advanced privilege level only)
- Total amount of network data received (advanced privilege level only)
- Total amount of network data sent (advanced privilege level only)
- Number of packets received (advanced privilege level only)
- Number of packets sent (advanced privilege level only)
- Busy percentage for the data network
- Amount of data received on the data network
- Amount of data sent on the data network
- Busy percentage for the cluster network
- Amount of data received on the cluster network
- Amount of data sent on the cluster network
- Amount of data read from disk
- Amount of data written to disk

At the diagnostic privilege level, the command displays the following information:

- Average of CPU busy percentage
- CPU busy percentage
- Total number of operations
- Number of NFS operations
- Number of CIFS operations
- Number of 7M Fcache operations
- Number of SpinFS operations

- Total amount of network traffic received
- Total amount of network traffic sent
- Percentage of data-network utilization
- Amount of data-network traffic received
- Amount of data-network traffic sent
- Percentage of cluster-network utilization
- Amount of cluster-network traffic received
- Amount of cluster-network traffic sent
- Amount of data read from disk
- Amount of data written to disk
- Number of packets received
- Number of packets sent

Examples

The following example displays cluster statistics:

```
cluster1::> cluster statistics show
      Counter         Value         Delta
------------- ------------- -------------
    CPU Busy:           84%           +27
   Operations:
       Total:     951471448    7210/s:11s
         NFS:   12957951479   13759/s:11s
        CIFS:     342195460     230/s:11s
 Data Network:
        Busy:            0%             -
    Received:        1.98TB  3.18MB/s:11s
        Sent:        6.20TB   903KB/s:11s
Cluster Network:
        Busy:            0%             -
    Received:        6.33TB  1.34MB/s:11s
        Sent:        6.24TB  3.54MB/s:11s
 Storage Disk:
        Read:         207TB  82.7MB/s:11s
       Write:        53.3TB  53.5MB/s:11s
```

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