



cluster statistics commands

ONTAP 9.13.1 commands

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cluster statistics commands

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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