



# **cluster statistics commands**

## **Command reference**

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# Table of Contents

- cluster statistics commands ..... 1
  - cluster statistics show ..... 1
    - Description ..... 1
    - Examples ..... 2

# 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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