



storage load commands

ONTAP commands

NetApp

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storage load commands

storage load balance

Balance storage I/O across controller's initiator ports

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

Description

This command is obsolete. I/O load is balanced automatically every five minutes.

Parameters

-node {<nodename>|local} - Node to balance on

The name of the clustered node for which information is being displayed.

Examples

This command has no effect.

storage load show

Display I/O statistics to array LUNs, grouped by initiator port.

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

Description

This command is obsolete. The `storage load show` command displays the load distribution of I/O on the cluster.

Parameters

{ [-fields <fieldname>,...]

If you specify the `-fields <fieldname>, ...` parameter, the command output also includes the specified field or fields. You can use `'-fields ?'` to display the fields to specify.

| [-switch]

The switch parameter adds switch information to the display.

| [-instance] }

If you specify the `-instance` parameter, the command displays detailed information about all fields.

[-node {<nodename>|local}] - Controller name

The name of the clustered node for which information is being displayed.

[-initiator-port <text>] - Initiator Port

The initiator port of the array LUN for which I/O stats are being displayed.

[-wwpn <text>] - Target Port WWPN

The World Wide Port Name of the array LUN for which I/O stats are being displayed.

[-serialnumber <text>] - Serial Number

The serial number of the array LUN for which I/O stats are being displayed.

[-lun <integer>] - LUN

The array LUN for which I/O stats are being displayed.

[-pct-io <text>] - %I/O

Percent of I/O bandwidth consumed by this array LUN.

[-io-blocks <integer>] - I/O (blocks)

Number of I/O blocks transferred.

[-switch-port <text>] - Switch Port

The initiator side switch port for this array LUN.

[-target-side-switch-port <text>] - Target Side Switch Port

The target side switch port for this array LUN.

Examples

```
cluster1::> storage load show -switch
```

```
Initiator port: 0a connected to vnbr3850s4:7.
```

| LUN | Serial # | Target Port | Target Side Switch Port |
|------|--------------|------------------|----------------------------|
| %I/O | I/O (blocks) | | |
| --- | ----- | ----- | ----- |
| 1 | D600020C00D3 | 50060e80004291c0 | vnbr3850s5:12 |
| 0 | 0 | | |
| 2 | D600020C00D4 | 50060e80004291c0 | vnbr3850s5:12 |
| 100 | 21 | | |
| 5 | D600020C00EF | 50060e80004291c0 | vnbr3850s5:12 |
| 0 | 0 | | |

```
Initiator port: 0c connected to vnci9124s54:1-11.
```

| LUN | Serial # | Target Port | Target Side Switch Port |
|------|--------------|------------------|----------------------------|
| %I/O | I/O (blocks) | | |
| --- | ----- | ----- | ----- |
| 3 | D600020C00D9 | 50060e80004291c2 | vnci9124s54:1-22 |
| 42 | 8 | | |

```

4 D600020C00DA          50060e80004291c2      vnci9124s54:1-22
36              7
6 D600020C00F0          50060e80004291c2      vnci9124s54:1-22
15              3
Initiator port: 0a connected to vnbr3850s4:8.

                                Target Side
LUN Serial #                  Target Port      Switch Port
%I/O I/O (blocks)
-----
-----

2 D600020C00D4          50060e80004291c0      vnbr3850s5:12
0              0
Initiator port: 0a connected to vnbr3850s4:8.

                                Target Side
LUN Serial #                  Target Port      Switch Port
%I/O I/O (blocks)
-----
-----

5 D600020C00EF          50060e80004291c0      vnbr3850s5:12
0              0
6 D600020C00F0          50060e80004291c0      vnbr3850s5:12
100            31
Initiator port: 0c connected to vnci9124s54:1-12.

                                Target Side
LUN Serial #                  Target Port      Switch Port
%I/O I/O (blocks)
-----
-----

1 D600020C00D3          50060e80004291c2      vnci9124s54:1-22
0              0
Initiator port: 0c connected to vnci9124s54:1-12.

                                Target Side
LUN Serial #                  Target Port      Switch Port
%I/O I/O (blocks)
-----
-----

3 D600020C00D9          50060e80004291c2      vnci9124s54:1-22
42              3
4 D600020C00DA          50060e80004291c2      vnci9124s54:1-22
42              3
12 entries were displayed.

```

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