



# **storage load commands**

## **ONTAP 9.6 commands**

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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This command is obsolete.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This command is obsolete.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
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
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.

LUN Serial #              Target Port              Target Side
%I/O I/O (blocks)        Switch Port
-----
-----
  2 D600020C00D4          50060e80004291c0      vnbr3850s5:12
0              0
Initiator port: 0a connected to vnbr3850s4:8.

LUN Serial #              Target Port              Target Side
%I/O I/O (blocks)        Switch Port
-----
-----
  5 D600020C00EF          50060e80004291c0      vnbr3850s5:12
0              0
  6 D600020C00F0          50060e80004291c0      vnbr3850s5:12
100            31
Initiator port: 0c connected to vnci9124s54:1-12.

LUN Serial #              Target Port              Target Side
%I/O I/O (blocks)        Switch Port
-----
-----
  1 D600020C00D3          50060e80004291c2      vnci9124s54:1-22
0              0
Initiator port: 0c connected to vnci9124s54:1-12.

LUN Serial #              Target Port              Target Side
%I/O I/O (blocks)        Switch Port
-----
-----
  3 D600020C00D9          50060e80004291c2      vnci9124s54:1-22
42              3
  4 D600020C00DA          50060e80004291c2      vnci9124s54:1-22
42              3
12 entries were displayed.

```

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