

# IOStat

Apr 2017

**IOStat** gives information (disk performance) about the disk activity in a Linux environment. Useful information such as disk reads/writes and activity (% busy).

**IOStat** is a handy tool to ensure that you are not overworking the disks, this is especially useful on products like VSPP where disk usage can be exceeded before any CPU performance issues occur.

To use, from the command line simply enter **iostat**  
<sxh [text][; options for SyntaxHighlighter]> iostat

avg-cpu: %user %nice %system %iowait %steal %idle

33.60	0.00	0.50	0.02	0.00	65.87
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Device: tps Blk\_read/s Blk\_wrtn/s Blk\_read Blk\_wrtn sda 7.36 0.19 1112.01 967702 5556997874 sdb 0.00 0.00 0.00 1496 0 dm-0 139.00 0.19 1112.01 956514 5556997832 dm-1 0.00 0.00 0.00 2400 0 dm-2 0.00 0.00 0.00 2178 24 </sxh>

We can use another command line to get periodica**iostat** updates **iostat 10 -x**  
<sxh [text][; options for SyntaxHighlighter]> iostat 10 -x

avg-cpu: %user %nice %system %iowait %steal %idle

33.61	0.00	0.50	0.02	0.00	65.86
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Device: rrqm/s wrqm/s r/s w/s rsec/s wsec/s avgrq-sz avgqu-sz await r\_await w\_await svctm %util sda 0.00 132.62 0.00 7.36 0.19 1112.07 151.05 0.05 6.75 2.34 6.75 3.01 2.22 sdb 0.00 0.00 0.00 0.00 0.00 0.00 8.00 0.00 0.18 0.18 0.00 0.18 0.00 dm-0 0.00 0.00 0.00 139.01 0.19 1112.07 8.00 0.71 5.13 3.92 5.13 0.16 2.22 dm-1 0.00 0.00 0.00 0.00 0.00 0.00 8.00 0.00 1.42 1.42 0.00 0.60 0.00 dm-2 0.00 0.00 0.00 0.00 0.00 0.00 7.92 0.00 0.59 0.51 5.00 0.44 0.00 </sxh>

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Last update: 2023/03/09 22:35

