

Name – Anup Kore

Topic – htop commands

Date – 14-04-2023

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anup@DESKTOP-UDNP065:~$ man iostat
No manual entry for iostat
anup@DESKTOP-UDNP065:~$ man iostat
anup@DESKTOP-UDNP065:~$ iostat --human
Linux 4.4.0-19041-Microsoft (DESKTOP-UDNP065) 04/14/23 _x86_64_ (4 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           7.5%    0.0%   3.5%    0.0%    0.0%   89.1%

Device:            tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd

anup@DESKTOP-UDNP065:~$ iostat --pretty
Linux 4.4.0-19041-Microsoft (DESKTOP-UDNP065) 04/14/23 _x86_64_ (4 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           7.35    0.00   3.50    0.00    0.00   89.15

           tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd Device

anup@DESKTOP-UDNP065:~$ htop
anup@DESKTOP-UDNP065:~$
```

```
anup@DESKTOP-UDNP065:~$ htop
Tasks: 4, 1 thr; 1 running
Load average: 0.52 0.58 0.59
Uptime: 00:39:50

Mem[ 5.81G/11.9G]
Swap[ 73.9M/29.7G]

PID USER   PRI  NI  VIRT   RES   SHR S CPU% MEM%   TIME+  Command
1 root    20    0  8960   412   340 S  0.0  0.0  0:00.07 /init
10 root   20    0  8960   412   340 S  0.0  0.0  0:00.00 /init
12 root   20    0  9312   236   184 S  0.0  0.0  0:00.00 /init
13 anup    20    0 14244  3832  3740 S  0.0  0.0  0:00.44 -bash
448 anup    20    0 13944  3036  1788 R  0.0  0.0  0:00.04 htop

F1:Help  F2:Setup  F3:Search  F4:Filter  F5:Free  F6:SortBy  F7:Nice  F8:Nice+  F9:Kill  F10:Quit
```

```
anup@DESKTOP-UDNP065: ~
htop 3.0.5 - (C) 2004-2019 Hisham Muhammad. (C) 2020 htop dev team.
Released under the GNU GPLv2. See 'man' page for more info.

CPU usage bar: [low-priority/normal/kernel/virtualiz      used%]
Memory bar:    [used/buffers/cache                        used/total]
Swap bar:      [used                                      used/total]
Type and layout of header meters are configurable in the setup screen.

Process state: R: running; S: sleeping; T: traced/stopped; Z: zombie; D: disk sleep

Arrows: scroll process list      Space: tag process
Digits: incremental PID search  c: tag process and its children
F3 /: incremental name search   U: untag all processes
F4 \: incremental name filtering F9 k: kill process/tagged processes
F5 t: tree view                 F7 j: higher priority (root only)
p: toggle program path          F8 [: lower priority (+ nice)
m: toggle merged command        a: set CPU affinity
Z: pause/resume process updates e: show process environment
u: show processes of a single user i: set IO priority
H: hide/show user process threads l: list open files with lsof
K: hide/show kernel threads      x: list file locks of process
F: cursor follows process        s: trace syscalls with strace
+ -: expand/collapse tree        w: wrap process command in multiple lines
N P M T: sort by PID, CPU%, MEM% or TIME F2 C S: setup
I: invert sort order             F1 h: show this help screen
F6 > .: select sort column       F10 q: quit

Press any key to return.
```