

Name – Anup Kore

Topic – Linux Demo

Date – 17-04-2023

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anup@DESKTOP-UDNP065: ~/New_Folder
anup@DESKTOP-UDNP065:~/New_Folder$ iostat
Linux 4.4.0-19041-Microsoft (DESKTOP-UDNP065) 04/17/23 _x86_64_ (4 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           15.97    0.00    6.92    0.00    0.00   77.12

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

anup@DESKTOP-UDNP065:~/New_Folder$ iostat -r cpu
Usage: iostat [ options ] [ <interval> [ <count> ] ]
Options are:
[ -c ] [ -d ] [ -h ] [ -k | -m ] [ -N ] [ -s ] [ -t ] [ -V ] [ -x ] [ -y ] [ -z ]
[ { -f | +f } <directory> ] [ -j { ID | LABEL | PATH | UUID | ... } ]
[ --dec={ 0 | 1 | 2 } ] [ --human ] [ --pretty ] [ -o JSON ]
[ [ -H ] -g <group_name> ] [ -p [ <device> [...] ] ALL ] ]
[ <device> [...] ] ALL ]
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ iostat -u memory
Usage: iostat [ options ] [ <interval> [ <count> ] ]
Options are:
[ -c ] [ -d ] [ -h ] [ -k | -m ] [ -N ] [ -s ] [ -t ] [ -V ] [ -x ] [ -y ] [ -z ]
[ { -f | +f } <directory> ] [ -j { ID | LABEL | PATH | UUID | ... } ]
[ --dec={ 0 | 1 | 2 } ] [ --human ] [ --pretty ] [ -o JSON ]
[ [ -H ] -g <group_name> ] [ -p [ <device> [...] ] ALL ] ]
[ <device> [...] ] ALL ]
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ man iostat
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ mkfs
mkfs: no device specified
Try 'mkfs --help' for more information.
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ iostat
Linux 4.4.0-19041-Microsoft (DESKTOP-UDNP065) 04/17/23 _x86_64_ (4 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           15.83    0.00    6.76    0.00    0.00   77.42

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

anup@DESKTOP-UDNP065:~/New_Folder$
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anup@DESKTOP-UDNP065: ~/New_Folder
anup@DESKTOP-UDNP065:~/New_Folder$ iostat -x
Linux 4.4.0-19041-Microsoft (DESKTOP-UDNP065) 04/17/23 _x86_64_ (4 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           15.82    0.00    6.75    0.00    0.00   77.43

Device            r/s    kB/s    rrqm/s    %rrqm  r_await  rareq-sz    w/s    kB/s    wrqm/s    %wrqm  w_await  wareq-sz    d/s    kB/s    drqm/s    %drqm  d_await  dareq-sz

anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ iostat -c
Linux 4.4.0-19041-Microsoft (DESKTOP-UDNP065) 04/17/23 _x86_64_ (4 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           15.81    0.00    6.75    0.00    0.00   77.44

anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ iostat -N
Linux 4.4.0-19041-Microsoft (DESKTOP-UDNP065) 04/17/23 _x86_64_ (4 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           15.81    0.00    6.75    0.00    0.00   77.44

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

anup@DESKTOP-UDNP065:~/New_Folder$ iostat -p
Linux 4.4.0-19041-Microsoft (DESKTOP-UDNP065) 04/17/23 _x86_64_ (4 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           15.80    0.00    6.75    0.00    0.00   77.46

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

anup@DESKTOP-UDNP065:~/New_Folder$
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anup@DESKTOP-UDNP065: ~/New_Folder
anup@DESKTOP-UDNP065:~/New_Folder$ awk '/[0-9]/ {print}' Demo.txt
I have done 10th and 12th from Maharashtra state board.
My rank was 38 in CCAT examination aptitude part
I am 24 years old
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ awk '/java/ {print}' First.java
System.out.println("Hello From First java");
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ dig Amazon.com

;<<>> DiG 9.18.1-1ubuntu1.2-Ubuntu <<>> Amazon.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 53627
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 6, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;Amazon.com.                IN      A

;; ANSWER SECTION:
Amazon.com.                123     IN      A      205.251.242.103
Amazon.com.                123     IN      A      54.239.28.85
Amazon.com.                123     IN      A      52.94.236.248

;; AUTHORITY SECTION:
Amazon.com.                2621    IN      NS      ns2.p31.dynect.net.
Amazon.com.                2621    IN      NS      ns3.p31.dynect.net.
Amazon.com.                2621    IN      NS      ns4.p31.dynect.net.
Amazon.com.                2621    IN      NS      pdns1.ultradns.net.
Amazon.com.                2621    IN      NS      pdns6.ultradns.co.uk.
Amazon.com.                2621    IN      NS      ns1.p31.dynect.net.

;; Query time: 16 msec
;; SERVER: 192.168.1.1#53(192.168.1.1) (UDP)
;; WHEN: Mon Apr 17 16:37:53 IST 2023
;; MSG SIZE rcvd: 236

anup@DESKTOP-UDNP065:~/New_Folder$
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anup@DESKTOP-UDNP065: ~/New_Folder
anup@DESKTOP-UDNP065:~/New_Folder$ netstat
Active Internet connections (w/o servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
Active UNIX domain sockets (w/o servers)
Proto RefCnt Flags   Type       State           I-Node    Path
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ netstat -socket
netstat: invalid option -- 'k'
usage: netstat [-vWeenNcCF] [<Af>] -r          netstat {-V|--version|-h|--help}
netstat [-vWnNcaeol] [<Socket> ...]
netstat { [-vWeenNac] -i | [-cnNe] -M | -s [-6tuw] }

-r, --route                display routing table
-i, --interfaces           display interface table
-g, --groups               display multicast group memberships
-s, --statistics           display networking statistics (like SNMP)
-M, --masquerade           display masqueraded connections

-v, --verbose              be verbose
-W, --wide                 don't truncate IP addresses
-n, --numeric              don't resolve names
--numeric-hosts            don't resolve host names
--numeric-ports            don't resolve port names
--numeric-users            don't resolve user names
-N, --symbolic             resolve hardware names
-e, --extend               display other/more information
-p, --programs             display PID/Program name for sockets
-o, --timers               display timers
-c, --continuous          continuous listing

-l, --listening            display listening server sockets
-a, --all                  display all sockets (default: connected)
-f, --fib                 display Forwarding Information Base (default)
-C, --cache                display routing cache instead of FIB
-Z, --context              display SELinux security context for sockets

<Socket>={-t|--tcp} {-u|--udp} {-U|--udplite} {-S|--sctp} {-w|--raw}
          {-X|--unix} --ax25 --ipx --netrom
<Af>=Use '-6|-4' or '-A <af>' or '--<af>'; default: inet
List of possible address families (which support routing):
inet (DARPA Internet) inet6 (IPv6) ax25 (AMPR AX.25)
netrom (AMPR NET/ROM) ipx (Novell IPX) ddp (Appletalk DDP)
x25 (CCIITT X.25)

anup@DESKTOP-UDNP065:~/New_Folder$
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anup@DESKTOP-UDNP065: ~/New_Folder
anup@DESKTOP-UDNP065:~/New_Folder$ sudo groupadd New_Group
[sudo] password for anup:
groupadd: group 'New_Group' already exists
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ sudo groupadd New_Group2
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ sudo adduser Akshat New_Group2
adduser: The user 'Akshat' does not exist.
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ sudo adduser Akshat
adduser: Please enter a username matching the regular expression configured
via the NAME_REGEX[SYSTEM] configuration variable. Use the '--force-badname'
option to relax this check or reconfigure NAME_REGEX.
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ sudo adduser akshat
Adding user 'akshat' ...
Adding new group 'akshat' (1003) ...
Adding new user 'akshat' (1001) with group 'akshat' ...
Creating home directory '/home/akshat' ...
Copying files from '/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for akshat
Enter the new value, or press ENTER for the default
    Full Name []: Akshat
    Room Number []: 1
    Work Phone []: 1
    Home Phone []: 1
    Other []: 1
Is the information correct? [Y/n] y
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$ sudo adduser akshat New_Group2
Adding user 'akshat' to group 'New_Group2' ...
Adding user akshat to group New_Group2
Done.
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$
anup@DESKTOP-UDNP065:~/New_Folder$
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