```
Praktikum modul 5 makna response nya
```

1 sudo su = set user do superuser (atur user dan lakukan akses super user)

2 echo halo dunia = cout<<"halo dunia" (keluarkan output terminal)

3 date = time

4 hostname = nama komputer 5 arch = arsitektur os 6 uname -a = versi kernel

7 dmesg | more = seperti dump boot process 8 uptime = waktu nyala komputer 9 whoami = user terminal berjalan 10 who = saat ini siapa yang login 11 id = id user terminal berjalan

12 last = last login /boot

13 finger = status operating sis tem saat ini

14 w = informasi user (all yang nyala maupun tidak)

15 top = bukankah ini keluaran proses saat ini / task manager

16 echo \$SHELL = shell / terminal yang dipakai 18 echo {con,pre}{sent,fer}{s,ed} = combinatorial

19 man ls = help apa itu ls 20 man who = help apa itu who

21 who can tell me about linux =what is this it just make an error because of the arguments more than 3

22 last = last login /boot 23 clear = clear all output

26 fdisk -l = list all mounted device on computers

27 users = user login saat ini

28 cat /etc/fstab = lihat file /etc/fstab dan dup menuju terminal

29 cal 2000 = kalender <tahun>

30 cal 9 1752 = kalender <bulan> <tahun> 31 cal 10 2007 = kalender <bulan> <tahun> 32 bc -l = bc (basic calculator???)

34 echo 5+4 | bc -l = tulis 5+4 dengan diproses oleh modul bc 35 yes please = tulis please hingga dihentikan paksa

36 pwd = lokasi direktori saat ini

37 history = list command yang tertulis di file .bash_history [user]

.sudo_as_admin_successful [root]

38 tail -f /var/log/message = lihat baris terakhir dari file yang dituju

39 lsmod = modul yang terload saat ini

40 ps -axu = log semua proses pengunaan serta siapa yang memproses

41 lspci = list semua yg tersambung pada pci adapter 42 free = list memory pada komputer baik main / swap

43 cat /proc/cpuinfo = keluarkan isi dari /proc/cpuinfo isinya ya mirip sama

specsheet processor yang digunakan

44 finger root = keluarkan informasi user root

papan tulis

- 1. ls berfungsi untuk melihat isi file dari direktori aktif
- 2. ls -l berfungsi untuk menampilkan semua file dalam direktori dengan format panjang
- 3. whatis ls berfungsi untuk menampilkan apa itu ls
- 4. ls/home berfungsi untuk menampilkan nama direktori home

- 5. mkdir informatika berfungsi untuk membuat direktori informatika
- 6. rmdir informatika berfungsi untuk menghapus direktori informatika
- 7. which mkdir berfungsi untuk menunjukan lokasi suatu perintah
- 8. whereis mkdir berfungsi untuk melihat lokasi pembuatan direktori
- 9. free berfungsi untuk melihat kapasitas free memori
- 10. pstree berfungsi untuk menyatakan system ditampilkan dalam bentuk hirarki parentchild
- 11. touch rpl.txt berfungsi untuk membuat file txt
- 12. rm rpl.txt berfungsi untuk menghapus file txt
- 13. df berfungsi untuk melaporkan penggunaan ruang dalam disk
- 14. du berfungsi untuk mengestimasikan penggunaan data
- 15. ls –l/home menampilkan isi direktori home

berikut saya dumpkan semua keluaran terminalnya [setelah tugas]

Tugas

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- 1. Jelaskan distro linux yang ada saat ini (minimal 5).
- 1) Ubuntu.

Ubuntu berasal dari bahasa Afrika yakni "Humanity to Others" yang berarti "Kemanusiaan Untuk Sesama". Atas dasar itulah diluncurkannya Linux Ubuntu yang dirilis pada 20 Oktober 2004. Tujuannya adalah agar selalu gratis tanpa adanya biaya lisensi, dan siap untuk dipergunakan dalam kondisi yang stabil.

2) Open Suse.

Bermula pada awal tahun 1990-an dimana linux masih berukuran 50 keping dan dapat diunduh di internet. Pada 2 September 1992, SuSE GmbH mendirikan di Jerman dan mulai menjual linux.

3) Linux Mint

Linux Mint adalah salah satu distro Linux yang paling cepat berkembang. Dan linux mint ini terus menantang Ubuntu untuk menjadi yang terpopuler. Selain itu, Linux Mint telah memantapkan dirinya sebagai OS pengganti sempurna untuk sistem operasi Windows dengan pengalaman desktop yang hampir sempurna. Alasan lain mengapa saya menyebutnya distro Linux terbaik untuk pengguna baru adalah kemampuannya untuk memberikan pengalaman yang tidak biasa kepada pengguna. Ini berarti Anda tidak perlu menghabiskan banyak waktu untuk menginstal distro dan paket sebelum Anda dapat menyelesaikan beberapa pekerjaan nyata.

4) Blankon.

BlankOn Linux adalah sebuah distribusi Linux berbasis Debian yang dikembangkan oleh tim pengembang BlankOn Indonesia dengan dukungan dari YPLI. YPLI merupakan pengembang BlankOn pertama tahun 2004 dengan nama kode Bianglala. BlankOn merupakan turunan dari distro Fedora Core 3, namun berakhir sampai versi 1.1 dan akhirnya mati suri. Tahun 2007 pengembang BlankOn mulai dibangkitkan lagi oleh YLPI dengan turunan dari Ubuntu versi 7.10.5) CentOS.

Merupakan singkatan dari Community Enterprise Operating System dan

merupakan salah satu contoh Distro Linux yang dikembangkan oleh The CentOS Project. Sistem operasi ini dibuat menggunakan kode sumber yang berasal dari Red Hat. Oleh karena itu, dalam hal produk CentOs ini sangatlah mirip dengan Red Hat Enterprise Linux.

- 2. Jelaskan 20 perintah yang sama diantara masing-masing distro.
- a. cal= menampilkan kalender
- b. cat= menampilkan isi dari sebuah file
- c. cd= mengganti atau berpindah direktori
- d. cfdisk= memanipulasi tabel partisi
- e. chgrp= mengubah kepemilikan grup dari user
- f. chmod= mengubah hak ijin akses dari file/direktori
- g. chown= mengubah kepemilikan dari suatu grup
- h. clear= Membersihkan layar terminal
- i. cp= menyalin file ke lokasi lain
- j. cron= daemon yang digunakan untuk menjalakan perintah yang dijadwalkan
- k. crontab= penjadwalan perintah yang dijalankan di lain waktu
- l. cut= membagi file menjadi beberapa bagian
- m. date= menampilkan dan mengubah wajtu dan tanggal
- n. echo= menampilkan tulisan dilayar
- o. exit= keluar dari shell
- p. less= menampilkan output satu layar terminal
- q. logout= keluar dari sesi login shell
- r. mkdir= mebuat direktori
- s. ping= melakukan test sambungan jaringan
- t. pwd= menampilkan lokasi kerja user pada saat itu
- 3. Jelaskan maksud perintah 'init 0', 'init 1', 'init 2', 'init 3', 'init 4', 'init 5', 'init 6'.
- 1) init 0 : Digunakan untuk maintenance, diagnostic hardware, booting selain dari disk misal dari cdroom.

command : init 0, shutdown -i02) , shutdown init 1 : Single user mode, digunakan untuk menambahkan

patches, backup/restore system. di level ini kita bisa menjalankan/access semua file tapi user lain tidak bisa login ke dalam sytem kita.

command: init 1, shutdown -i1

3) init 2 : Multiuser mode, biasanya untuk digunakan dalam network. tapi disini tidak ada resourches yang di share.

command: init2, shutdown -i2

4) init 3 : Memperluas multiuser mode, kita bisa membuat local resourches share pada network kita. sehingga kita bisa berbagi data dilevel ini dalam network.

command: init 3, shutdown -i3

5) init 4 : Untuk alternative multiuser mode tetapi saat ini belum bisa digunakan.

command: init4, shutdown -i4

6) init 5 : Untuk shutdown/ power off.

command: init5-i

7)

init 6 : Memberhentikan operating system kemudian reebot dan kembali ke init defaultnya yang ada di etc/inittab.

command: init 6, shutdown -i6

4. Jelaskan maksud dari perintah 'quota'!

Perintah quota berfungsi untuk menampilkan statistik penggunakan disk, limit

ruang kosong yang tersedia untuk sebuah user atau group. Jika dijalankan tanpa argumen, hanya akan menampilkan kuota disk dari user.

DUMP TERMINAL

```
ubuntu@ubuntu:~$ sudo su
root@ubuntu:/home/ubuntu# echo halo dunia
halo dunia
root@ubuntu:/home/ubuntu# date
Sat Dec 28 03:00:22 UTC 2019
root@ubuntu:/home/ubuntu# hostname
ubuntu
root@ubuntu:/home/ubuntu# arch
x86 64
root@ubuntu:/home/ubuntu# uname -a
Linux ubuntu 4.4.0-31-generic #50-Ubuntu SMP Wed Jul 13 00:07:12 UTC 2016 x86_64 x86_64
x86 64 GNU/Linux
root@ubuntu:/home/ubuntu# dmesg | more
  0.000000] Initializing cgroup subsys cpuset
  0.000000] Initializing cgroup subsys cpu
  0.000000] Initializing cgroup subsys cpuacct
  0.000000] Linux version 4.4.0-31-generic (buildd@lgw01-16) (gcc version 5.3.1 20160413
(Ubuntu 5.3.1-14ubuntu2.1) ) #50-Ubuntu SMP Wed Jul 13 00:07:12 UTC 2016 (Ubuntu 4.4.0-
31.50-generic 4.4.13)
 0.000000] Command line: BOOT IMAGE=/casper/vmlinuz.efi
file=/cdrom/preseed/ubuntu.seed boot=casper quiet splash ---
  0.000000] KERNEL supported cpus:
  0.000000] Intel GenuineIntel
  0.000000] AMD AuthenticAMD
  0.000000] Centaur Centaur Hauls
  0.000000] tseg: 00cf800000
  0.000000] x86/fpu: xstate_offset[2]: 576, xstate_sizes[2]: 256
  0.000000] x86/fpu: Supporting XSAVE feature 0x01: 'x87 floating point registers'
  0.000000] x86/fpu: Supporting XSAVE feature 0x02: 'SSE registers'
  0.000000] x86/fpu: Supporting XSAVE feature 0x04: 'AVX registers'
  0.000000] x86/fpu: Enabled xstate features 0x7, context size is 832 bytes, using 'standard'
format.
  0.000000] x86/fpu: Using 'eager' FPU context switches.
  0.000000] e820: BIOS-provided physical RAM map:
  0.000000] BIOS-e820: [mem 0x0000000000000000000000000000009ffff] usable
  0.000000] BIOS-e820: [mem 0x000000000100000-0x00000000cc913fff] usable
  0.000000] BIOS-e820: [mem 0x00000000cc914000-0x00000000cca36fff] reserved
   0.000000] BIOS-e820: [mem 0x00000000cca37000-0x00000000ccd37fff] usable
   0.000000] BIOS-e820: [mem 0x00000000ccd38000-0x00000000cd934fff] ACPI NVS
  0.000000] BIOS-e820: [mem 0x00000000cd935000-0x00000000ce5c5fff] reserved
  0.0000001 BIOS-e820: [mem 0x00000000ce5c6000-0x00000000ce62efff] type 20
  0.000000] BIOS-e820: [mem 0x00000000ce62f000-0x0000000cf7fffff] usable
  0.000000] BIOS-e820: [mem 0x00000000f8000000-0x00000000fbffffff] reserved
  0.000000] BIOS-e820: [mem 0x00000000fe600000-0x00000000fe6fffff] reserved
  0.000000] BIOS-e820: [mem 0x00000000feb80000-0x0000000fec01fff] reserved
  0.000000] BIOS-e820: [mem 0x00000000fec10000-0x00000000fec10fff] reserved
   0.000000] BIOS-e820: [mem 0x00000000fed00000-0x00000000fed00fff] reserved
```

```
0.000000] BIOS-e820: [mem 0x00000000fed40000-0x00000000fed44fff] reserved
  0.000000] BIOS-e820: [mem 0x00000000fed80000-0x00000000fed8ffff] reserved
  0.000000] BIOS-e820: [mem 0x00000000fedc0000-0x00000000fedc0fff] reserved
  0.0000001 BIOS-e820: [mem 0x00000000fedc2000-0x00000000fedc8fff] reserved
  0.000000] BIOS-e820: [mem 0x00000000fee00000-0x00000000feefffff] reserved
  0.000000] BIOS-e820: [mem 0x00000000ff000000-0x00000000fffffffff] reserved
  0.000000] BIOS-e820: [mem 0x0000000100000000-0x000000010effffff] usable
  0.000000] NX (Execute Disable) protection: active
  0.000000] efi: EFI v2.40 by American Megatrends
  0.000000] efi: ESRT=0xce5c2218 ACPI=0xccdbc000 ACPI 2.0=0xccdbc000
SMBIOS=0xf05b0 SMBIOS 3.0=0xf05d0 MPS=0xfd750
  0.000000] esrt: Reserving ESRT space from 0x00000000ce5c2218 to 0x00000000ce5c2250.
  0.000000] SMBIOS 3.0.0 present.
  0.000000] e820: update [mem 0x00000000-0x000000fff] usable ==> reserved
  0.000000] e820: remove [mem 0x000a0000-0x000fffff] usable
  0.000000] e820: last_pfn = 0x10f000 max_arch_pfn = 0x400000000
  0.000000] MTRR default type: uncachable
  0.000000] MTRR fixed ranges enabled:
  0.000000] 00000-9FFFF write-back
  0.000000] A0000-BFFFF write-through
  0.000000] C0000-FFFFF write-protect
  0.000000] MTRR variable ranges enabled:
  0.000000] 0 base 000000000000 mask FFFF80000000 write-back
  0.000000] 1 base 000080000000 mask FFFFC0000000 write-back
  0.0000001 2 base 0000C0000000 mask FFFFF0000000 write-back
  0.000000] 3 base 0000CF800000 mask FFFFFF800000 uncachable
  0.000000] 4 disabled
  0.000000] 5 disabled
  0.000000] 6 disabled
  0.000000] 7 disabled
  0.000000] TOM2: 000000012f000000 aka 4848M
root@ubuntu:/home/ubuntu# uptime
03:01:03 up 1:40, 1 user, load average: 1.21, 1.21, 1.11
root@ubuntu:/home/ubuntu# whoami
root@ubuntu:/home/ubuntu# who
                2019-12-28 08:20 (:0)
ubuntu tty7
root@ubuntu:/home/ubuntu# id
uid=0(root) gid=0(root) groups=0(root)
root@ubuntu:/home/ubuntu# last
ubuntu tty7
                          Sat Dec 28 08:20 gone - no logout
                :0
reboot system boot 4.4.0-31-generic Sat Dec 28 08:20 still running
wtmp begins Sat Dec 28 08:20:26 2019
root@ubuntu:/home/ubuntu# finger
                      Tty
                            Idle Login Time Office
Login Name
                                                     Office Phone
ubuntu Live session user tty7
                                  Dec 28 08:20 (:0)
root@ubuntu:/home/ubuntu# w
03:01:27 up 1:41, 1 user, load average: 1.15, 1.19, 1.11
                             LOGIN@ IDLE JCPU PCPU WHAT
USER
        TTY
               FROM
ubuntu ttv7
                        08:20
                               ?
                                   2:28 0.81s /sbin/upstart --user
              :0
root@ubuntu:/home/ubuntu# top
```

top - 03:01:38 up 1:41, 1 user, load average: 1.11, 1.18, 1.10 Tasks: 256 total, 2 running, 253 sleeping, 0 stopped, 1 zombie %Cpu(s): 10.6 us, 4.2 sy, 0.0 ni, 84.5 id, 0.7 wa, 0.0 hi, 0.0 si, 0.0 st

KiB Mem: 3545012 total, 767464 free, 1178968 used, 1598580 buff/cache KiB Swap: 0 total, 0 free, 0 used. 1798436 avail Mem PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND 7806 ubuntu 20 0 475416 100296 48856 R 93.8 2.8 38:52.06 ubiquity 4048 root 20 0 355496 78524 53044 S 6.2 2.2 2:28.63 Xorg 20 0 49008 3832 3104 R 6.2 0.1 0:00.02 top 16650 root 20 0 185504 6196 4032 S 0.0 0.2 0:08.38 systemd 1 root $20 \ 0$ 0 0 S 0.0 0.0 0:00.00 kthreadd 2 root 0 3 root 20 0 0 0 0 S 0.0 0.0 0:00.14 ksoftirgd/0 0 -20 0 0 S 0.0 0.0 0:00.00 kworker/0:0H 5 root 0 20 0 0 0 S 0.0 0.0 0:08.68 rcu sched 7 root 0 8 root 20 0 0 0 0 S 0.0 0.0 0:00.00 rcu bh 9 root 0 S 0.0 0.0 0:00.04 migration/0 rt 0 0 0 0 S 0.0 0.0 0:00.02 watchdog/0 10 root rt 0 0 0 11 root rt 0 0 0 0 S 0.0 0.0 0:00.02 watchdog/1 rt 0 0 0 0 S 0.0 0.0 0:00.03 migration/1 12 root 0 S 0.0 0.0 0:00.18 ksoftirqd/1 13 root 20 0 0 0 15 root 0 - 200 0 S 0.0 0.0 0:00.00 kworker/1:0H 0 0 0 S 0.0 0.0 0:00.42 watchdog/2 16 root rt 0 0 0 0 S 0.0 0.0 0:00.04 migration/2 17 root rt 0 18 root 20 0 0 0 0 S 0.0 0.0 0:00.26 ksoftirgd/2 0 S 0.0 0.0 0:00.00 kworker/2:0H 20 root 0 - 200 0 0 0 0 S 0.0 0.0 0:00.03 watchdog/3 21 root rt 0 0 S 0.0 0.0 0:00.04 migration/3 rt 0 0 0 22 root 23 root 20 0 0 0 0 S 0.0 0.0 0:00.29 ksoftirgd/3 0 - 200 S 0.0 0.0 0:00.00 kworker/3:0H 25 root 0 0 26 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kdevtmpfs 27 root 0 - 200 0 0 S 0.0 0.0 0:00.00 netns 0 S 0.0 0.0 0:00.00 perf 28 root 0 - 200 0 0 S 0.0 0.0 0:00.00 khungtaskd 29 root 20 0 0 0 30 root 0 - 200 0 S 0.0 0.0 0:00.00 writeback 0 S 0.0 0.0 0:00.00 ksmd 31 root 25 5 0 0 39 19 0 0 0 S 0.0 0.0 0:00.55 khugepaged 32 root 0 - 200 S 0.0 0.0 0:00.00 crypto 33 root 0 0

0 - 200 S 0.0 0.0 0:00.00 kintegrityd 34 root 0 0

35 root 0 - 200 S 0.0 0.0 0:00.00 bioset 0 0 0 S 0.0 0.0 0:00.00 kblockd 36 root 0 - 200 0

0 - 200 S 0.0 0.0 0:00.00 ata sff 37 root 0 0

0 - 200 0 0 S 0.0 0.0 0:00.00 md 38 root

0 S 0.0 0.0 0:00.00 devfreq_wq 39 root 0 -20 0 0

0 S 0.0 0.0 0:00.00 irg/24-AMD-Vi 45 root -51 0 0 0

0 S 0.0 0.0 0:00.00 kswapd0 47 root 20 0 0 0

0 -20 0 0 0 S 0.0 0.0 0:00.00 vmstat 48 root

0 S 0.0 0.0 0:00.00 fsnotify_mark 49 root 20 0 0 0

20 0 0 S 0.0 0.0 0:00.00 ecryptfs-kthrea 50 root 0 0 0 - 200 0 0 S 0.0 0.0 0:00.00 kthrotld 66 root

67 root 0 - 200 0 0 S 0.0 0.0 0:00.00 acpi_thermal_pm

68 root	0 -20	0	0	0 S	0.0 0.0	0:00.00 bioset
69 root	0 -20	0	0	0 S	0.0 0.0	0:00.00 bioset
70 root	0 -20	0	0	0 S	0.0 0.0	0:00.00 bioset
71 root	0 -20	0	0	0 S	0.0 0.0	0:00.00 bioset
72 root	0 -20	0	0	0 S	0.0 0.0	0:00.00 bioset
73 root	0 -20	0	0	0 S	0.0 0.0	0:00.00 bioset
74 root	0 -20	0	0	0 S	0.0 0.0	0:00.00 bioset
75 root	0 -20	0	0	0 S	0.0 0.0	0:00.00 bioset
76 root	0 -20	0	0	0 S	0.0 0.0	0:00.00 bioset
77 root	0 -20	0	0	0 S	0.0 0.0	0:00.00 bioset

root@ubuntu:/home/ubuntu# echo \$SHELL

/bin/bash

root@ubuntu:/home/ubuntu# echo {con,pre},{sent,fer},{s,ed}

con, sent, s con, sent, ed con, fer, s con, fer, ed pre, sent, s pre, sent, ed pre, fer, s pre, fer, ed

root@ubuntu:/home/ubuntu# echo {con,pre}{sent,fer}{s,ed}

consents consented confers confered presents presented prefers prefered

root@ubuntu:/home/ubuntu# man ls

root@ubuntu:/home/ubuntu# man who

root@ubuntu:/home/ubuntu# who can tell me about linux

who: extra operand 'me'

Try 'who --help' for more information.

root@ubuntu:/home/ubuntu# last

ubuntu tty7 :0 Sat Dec 28 08:20 gone - no logout reboot system boot 4.4.0-31-generic Sat Dec 28 08:20 still running

wtmp begins Sat Dec 28 08:20:26 2019 root@ubuntu:/home/ubuntu# clear

root@ubuntu:/home/ubuntu# fdisk -l

Disk /dev/ram0: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram1: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram2: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram3: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram4: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram5: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram6: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram7: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram8: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram9: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram10: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram11: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram12: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes

I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram13: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram14: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/ram15: 64 MiB, 67108864 bytes, 131072 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 4096 bytes I/O size (minimum/optimal): 4096 bytes / 4096 bytes

Disk /dev/loop0: 1.4 GiB, 1459982336 bytes, 2851528 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/sda: 111.8 GiB, 120034123776 bytes, 234441648 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: gpt

Disk identifier: 3368EC81-6A4B-4BB7-BE0C-25D1F0B77A90

Device Start End Sectors Size Type

/dev/sda1 2048 1023999 1021952 499M Windows recovery environment

/dev/sda2 1024000 1228799 204800 100M EFI System

/dev/sda3 1228800 1261567 32768 16M Microsoft reserved /dev/sda4 1261568 63475711 62214144 29.7G Microsoft basic data /dev/sda5 63475712 105418751 41943040 20G Microsoft basic data /dev/sda6 105420800 234438655 129017856 61.5G Microsoft basic data

Disk /dev/sdc: 14.3 GiB, 15376318464 bytes, 30031872 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: gpt

Disk identifier: A1418C96-6BF0-4765-B786-DE9B3E3F4D02

Device Start End Sectors Size Type
/dev/sdc1 2048 30031838 30029791 14.3G Microsoft basic data
root@ubuntu:/home/ubuntu# users
ubuntu
root@ubuntu:/home/ubuntu# cat /etc/fstab
overlay / overlay rw 0 0
tmpfs /tmp tmpfs nosuid,nodev 0 0
root@ubuntu:/home/ubuntu# cal 2000
2000

October November December
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
1 2 3 4 5 6 7 1 2 3 4 1 2
8 9 10 11 12 13 14 5 6 7 8 9 10 11 3 4 5 6 7 8 9
15 16 17 18 19 20 21 12 13 14 15 16 17 18 10 11 12 13 14 15 16
22 23 24 25 26 27 28 19 20 21 22 23 24 25 17 18 19 20 21 22 23
29 30 31 26 27 28 29 30 24 25 26 27 28 29 30
31

root@ubuntu:/home/ubuntu# cal 9 1752

September 1752 Su Mo Tu We Th Fr Sa 1 2 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

```
root@ubuntu:/home/ubuntu# cal 10 2007
  October 2007
Su Mo Tu We Th Fr Sa
  1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31
root@ubuntu:/home/ubuntu# bc -l
bc 1.06.95
Copyright 1991-1994, 1997, 1998, 2000, 2004, 2006 Free Software Foundation, Inc.
This is free software with ABSOLUTELY NO WARRANTY.
For details type `warranty'.
quit
root@ubuntu:/home/ubuntu# echo 5+4
root@ubuntu:/home/ubuntu# echo 5+4 | bc -l
root@ubuntu:/home/ubuntu# yes please
```

please

```
please
please
please
please
please
please
please^C
root@ubuntu:/home/ubuntu# pwd
/home/ubuntu
root@ubuntu:/home/ubuntu# history
  1 echo halo dunia
  2 echo halo dunia
  3 date
  4 hostname
  5 arch
  6 uname -a
  7 dmesg | more
  8 uptime
  9 whoami
 10 who
 11 id
 12 last
 13 finger
 14 w
 15 top
 16 echo $SHELL
 17 echo {con,pre},{sent,fer},{s,ed}
 18 echo {con,pre}{sent,fer}{s,ed}
 19 man ls
 20 man who
 21 who can tell me about linux
 22 last
 23 clear
 24 fdisk
 25 clear
 26 fdisk -l
 27 users
 28 cat /etc/fstab
 29 cal 2000
 30 cal 9 1752
 31 cal 10 2007
 32 bc -l
 33 echo 5+4
 34 echo 5+4 | bc -l
 35 yes please
 36 pwd
 37 history
root@ubuntu:/home/ubuntu# tail -f /var/log/message
tail: cannot open '/var/log/message' for reading: No such file or directory
tail: no files remaining
root@ubuntu:/home/ubuntu# ^C
root@ubuntu:/home/ubuntu# lsmod
```

```
Module
                 Size Used by
                16384 0
rndis host
cdc_ether
                16384 1 rndis_host
usbnet
               45056 2 rndis host,cdc ether
cdc acm
                 36864 0
                16384 0
nls_utf8
ufs
              73728 0
               16384 0
qnx4
hfsplus
               106496 0
hfs
              57344 0
minix
               36864 0
ntfs
              98304 0
msdos
                20480 0
xfs
             970752 0
libcrc32c
                16384 1 xfs
             180224 0
ifs
btrfs
             987136 0
xor
              24576 1 btrfs
                102400 1 btrfs
raid6_pq
hid_generic
                 16384 0
usbhid
               49152 0
hid
             118784 2 hid_generic,usbhid
bnep
               20480 2
kvm amd
                  65536 0
asus_nb_wmi
                   24576 0
kvm
              536576 1 kvm_amd
asus wmi
                 28672 1 asus nb wmi
sparse_keymap
                   16384 1 asus_wmi
irqbypass
                16384 1 kvm
crct10dif_pclmul
                   16384 0
crc32_pclmul
                  16384 0
aesni intel
                167936 0
                  20480 1 aesni_intel
aes_x86_64
lrw
              16384 1 aesni intel
gf128mul
                 16384 1 lrw
glue helper
                 16384 1 aesni intel
ablk_helper
                 16384 1 aesni intel
crvptd
               20480 2 aesni intel, ablk helper
                90112 0
uvcvideo
videobuf2_vmalloc
                     16384 1 uvcvideo
                     16384 1 videobuf2_vmalloc
videobuf2_memops
videobuf2 v4l2
                   28672 1 uvcvideo
videobuf2_core
                   36864 2 uvcvideo,videobuf2_v4l2
ath3k
               20480 0
v4l2_common
                    16384 1 videobuf2_v4l2
btusb
               45056 0
btrtl
              16384 1 btusb
videodev
                176128 4 uvcvideo,v4l2_common,videobuf2_core,videobuf2_v4l2
btbcm
               16384 1 btusb
              16384 1 btusb
btintel
bluetooth
               520192 10 bnep,ath3k,btbcm,btrtl,btusb,btintel
input_leds
                16384 0
```

```
media
               24576 2 uvcvideo, videodev
                16384 0
serio raw
k10temp
                16384 0
fam15h power
                   16384 0
edac mce amd
                   24576 0
edac_core
                53248 0
i2c_piix4
                24576 0
              16384 2
arc4
snd hda codec conexant 24576 1
snd_hda_codec_hdmi
                    53248 1
snd_hda_codec_generic 77824 1 snd_hda_codec_conexant
snd hda intel
                 36864 5
              143360 0
ath9k
snd hda codec
                  135168 4
snd_hda_codec_hdmi,snd_hda_codec_conexant,snd_hda_codec_generic,snd_hda_intel
ath9k common
                   36864 1 ath9k
snd hda core
                  73728 5
snd_hda_codec_hdmi,snd_hda_codec_conexant,snd_hda_codec_generic,snd_hda_codec,snd_hda_i
ntel
ath9k_hw
                466944 2 ath9k_common,ath9k
snd_hwdep
                 16384 1 snd_hda_codec
                106496 4 snd_hda_codec_hdmi,snd_hda_codec,snd_hda_intel,snd_hda_core
snd_pcm
ath
             32768 3 ath9k common,ath9k,ath9k hw
mac80211
                737280 1 ath9k
snd_seq_midi
                  16384 0
snd_seq_midi_event
                    16384 1 snd_seq_midi
                  32768 1 snd seg midi
snd rawmidi
cfg80211
                565248 4 ath,ath9k_common,ath9k,mac80211
snd_seq
               69632 2 snd_seq_midi_event,snd_seq_midi
tpm_crb
                16384 0
mac_hid
                16384 0
snd_seq_device
                  16384 3 snd seg, snd rawmidi, snd seg midi
i2c_designware_platform 16384 0
8250 dw
                 16384 0
i2c_designware_core 20480 1 i2c_designware_platform
snd timer
                32768 2 snd pcm, snd seq
              81920 21
snd
snd hwdep,snd timer,snd hda codec hdmi,snd hda codec conexant,snd pcm,snd seg,snd rawm
idi,snd hda codec generic,snd hda codec,snd hda intel,snd seg device
                16384 1 snd
soundcore
shpchp
               36864 0
parport pc
                32768 0
               20480 0
ppdev
             20480 0
lp
parport
               49152 3 lp,ppdev,parport_pc
autofs4
               40960 2
               49152 1
overlay
nls_iso8859_1
                  16384 1
dm mirror
                 24576 0
dm region hash
                   24576 1 dm mirror
dm log
                20480 2 dm region hash,dm mirror
              24576 0
uas
```

```
126976 0
psmouse
amdkfd
                131072 3
amd iommu v2
                     20480 1 amdkfd
radeon
              1515520 1
                987136 4
amdgpu
r8169
               81920 0
mii
              16384 2 r8169,usbnet
                 16384 2 amdgpu,radeon
i2c_algo_bit
              94208 2 amdgpu,radeon
ttm
                    147456 2 amdgpu,radeon
drm_kms_helper
                  16384 1 drm kms helper
syscopyarea
sysfillrect
               16384 1 drm_kms_helper
sysimgblt
                16384 1 drm_kms_helper
              36864 0
ahci
fb_sys_fops
                 16384 1 drm_kms_helper
libahci
               32768 1 ahci
drm
              360448 77 ttm,drm_kms_helper,amdgpu,radeon
wmi
               20480 1 asus wmi
video
               40960 1 asus_wmi
              28672 0
fjes
root@ubuntu:/home/ubuntu# ps -axu
         PID %CPU %MEM
                              VSZ RSS TTY
                                                STAT START TIME COMMAND
USER
        1 0.1 0.1 185504 6196?
root
                                     Ss 01:20 0:08 /sbin/init splash ---
                         0 ?
                                   01:20 0:00 [kthreadd]
        2 0.0 0.0
                     0
root
        3 0.0 0.0
                     0
                         0?
                                S
                                   01:20 0:00 [ksoftirqd/0]
root
                         0?
                                S< 01:20 0:00 [kworker/0:0H]
        5 0.0 0.0
                     0
root
                         0 ?
                                   01:20 0:09 [rcu_sched]
        7 0.1 0.0
                     0
                                S
root
        8 0.0 0.0
                         0?
                                S
                                   01:20 0:00 [rcu_bh]
                     0
root
        9 0.0 0.0
                         0?
                                S
                                   01:20 0:00 [migration/0]
                     0
root
                         0?
                                 S
                                   01:20 0:00 [watchdog/0]
        10 0.0 0.0
                     0
root
        11 0.0 0.0
                     0
                         0?
                                S 01:20 0:00 [watchdog/1]
root
        12 0.0 0.0
                     0
                         0?
                                 S
                                    01:20 0:00 [migration/1]
root
        13 0.0 0.0
                     0
                         0?
                                 S
                                    01:20 0:00 [ksoftirqd/1]
root
                         0?
        15 0.0 0.0
                     0
                                 S< 01:20 0:00 [kworker/1:0H]
root
        16 0.0 0.0
                     0
                         0?
                                    01:20 0:00 [watchdog/2]
root
                         0?
        17 0.0 0.0
                                 S
                                    01:20 0:00 [migration/2]
root
                     0
                         0?
                                 S 01:20 0:00 [ksoftirgd/2]
        18 0.0 0.0
                     0
root
                         0?
        20 0.0 0.0
                     0
                                 S< 01:20 0:00 [kworker/2:0H]
root
                         0?
                                 S
        21 0.0 0.0
                     0
                                    01:20 0:00 [watchdog/3]
root
        22 0.0 0.0
                         0?
                                 S
                                    01:20 0:00 [migration/3]
                     0
root
                         0?
        23 0.0 0.0
                     0
                                 S 01:20 0:00 [ksoftirgd/3]
root
                         0?
        25 0.0 0.0
                     0
                                 S< 01:20 0:00 [kworker/3:0H]
root
        26 0.0 0.0
                         0?
                                 S
                                    01:20 0:00 [kdevtmpfs]
                     0
root
        27 0.0 0.0
                     0
                         0?
                                 S< 01:20 0:00 [netns]
root
                         0?
        28 0.0 0.0
                     0
                                 S< 01:20 0:00 [perf]
root
                         0?
        29 0.0 0.0
                     0
                                 S 01:20 0:00 [khungtaskd]
root
                         0?
                                 S< 01:20 0:00 [writeback]
        30 0.0 0.0
                     0
root
        31 0.0 0.0
                     0
                         0?
                                 SN 01:20 0:00 [ksmd]
root
                         0?
                                 SN 01:20 0:00 [khugepaged]
        32 0.0 0.0
                     0
root
        33 0.0 0.0
                     0
                         0?
                                 S< 01:20 0:00 [crypto]
root
                     0
                         0?
                                 S< 01:20 0:00 [kintegrityd]
        34 0.0 0.0
root
```

69632 2 uas

usb_storage

```
35 0.0 0.0
                          0?
                                  S< 01:20 0:00 [bioset]
                      0
root
        36 0.0 0.0
                          0?
                                     01:20 0:00 [kblockd]
root
                      0
        37 0.0 0.0
                      0
                          0 ?
                                  S< 01:20 0:00 [ata_sff]
root
        38 0.0 0.0
                          0?
                                  S< 01:20 0:00 [md]
                      0
root
        39 0.0 0.0
                          0 ?
                                  S< 01:20 0:00 [devfreq_wq]
                      0
root
        45 0.0 0.0
                      0
                          0 ?
                                  S
                                     01:20 0:00 [irq/24-AMD-Vi]
root
        47 0.0 0.0
                      0
                          0?
                                  S
                                     01:20 0:00 [kswapd0]
root
                          0?
                                  S< 01:20 0:00 [vmstat]
        48 0.0 0.0
                      0
root
                                     01:20 0:00 [fsnotify_mark]
        49 0.0 0.0
                          0?
                                  S
                      0
root
                          0?
        50 0.0 0.0
                      0
                                  S
                                     01:20 0:00 [ecryptfs-kthrea]
root
                          0 ?
root
        66 0.0 0.0
                      0
                                  S< 01:20 0:00 [kthrotld]
        67 0.0 0.0
                          0?
                                  S< 01:20 0:00 [acpi thermal pm]
                      0
root
                          0?
        68 0.0 0.0
                                  S< 01:20 0:00 [bioset]
                      0
root
        69 0.0 0.0
                      0
                          0?
                                  S< 01:20 0:00 [bioset]
root
                          0?
                                  S< 01:20 0:00 [bioset]
        70 0.0 0.0
                      0
root
                          0?
                                  S< 01:20 0:00 [bioset]
        71 0.0 0.0
                      0
root
        72 0.0 0.0
                      0
                          0?
                                  S< 01:20 0:00 [bioset]
root
        73 0.0 0.0
                      0
                          0 ?
                                  S< 01:20 0:00 [bioset]
root
        74 0.0 0.0
                      0
                          0?
                                  S< 01:20 0:00 [bioset]
root
        75 0.0 0.0
                      0
                          0?
                                  S< 01:20 0:00 [bioset]
root
        76 0.0 0.0
                          0?
                                  S< 01:20 0:00 [bioset]
root
                      0
                          0 ?
        77 0.0 0.0
                      0
                                  S< 01:20 0:00 [bioset]
root
        78 0.0 0.0
                      0
                          0?
                                  S< 01:20 0:00 [bioset]
root
                          0?
                                      01:20 0:00 [bioset]
root
        79 0.0 0.0
                      0
                                  S<
                          0?
                                  S< 01:20 0:00 [bioset]
        80 0.0 0.0
                      0
root
        81 0.0 0.0
                      0
                          0 ?
                                  S< 01:20 0:00 [bioset]
root
                          0?
        82 0.0 0.0
                                  S< 01:20 0:00 [bioset]
root
                      0
                          0?
                                  S< 01:20 0:00 [bioset]
        83 0.0 0.0
                      0
root
                          0?
                                  S< 01:20 0:00 [bioset]
        84 0.0 0.0
                      0
root
        85 0.0 0.0
                          0 ?
                                  S< 01:20 0:00 [bioset]
                      0
root
                          0?
                                  S< 01:20 0:00 [bioset]
        86 0.0 0.0
                      0
root
        87 0.0 0.0
                          0?
                                  S< 01:20 0:00 [bioset]
                      0
root
        88 0.0 0.0
                      0
                          0 ?
                                  S< 01:20 0:00 [bioset]
root
        89 0.0 0.0
                      0
                          0?
                                  S< 01:20 0:00 [bioset]
root
                          0?
        90 0.0 0.0
                      0
                                  S< 01:20 0:00 [bioset]
root
        91 0.0 0.0
                      0
                          0?
                                  S< 01:20 0:00 [bioset]
root
                          0?
        97 0.0 0.0
                                     01:20 0:00 [ipv6_addrconf]
root
                      0
                                  S<
                                  S< 01:20 0:00 [deferwa]
        110 0.0 0.0
                       0
                           0?
root
        111 0.0 0.0
                       0
                           0?
                                  S< 01:20 0:00 [charger manager]
root
        368 0.0 0.0
                       0
                           0?
                                  S
                                      01:20 0:00 [scsi_eh_0]
root
                           0?
                                  S< 01:20 0:00 [scsi_tmf_0]
        372 0.0 0.0
                       0
root
        378 0.0 0.0
                       0
                           0?
                                  S
                                      01:20 0:00 [scsi eh 1]
root
        379 0.0 0.0
                       0
                           0?
                                  S< 01:20 0:00 [amd_iommu_v2]
root
                                  S< 01:20 0:00 [kfd_process_wq]
                           0 ?
        384 0.0 0.0
                       0
root
        385 0.0 0.0
                       0
                           0 ?
                                  S< 01:20 0:00 [scsi_tmf_1]
root
        387 0.0 0.0
                       0
                           0?
                                  S< 01:20 0:00 [kpsmoused]
root
                           0?
        489 0.0 0.0
                       0
                                  S< 01:20 0:00 [ttm_swap]
root
                           0?
                                      01:20 0:00 [scsi_eh_2]
        687 0.0 0.0
                       0
                                  S
root
        688 0.0 0.0
                       0
                           0?
                                  S< 01:20 0:00 [scsi_tmf_2]
root
                                      01:20 0:01 [usb-storage]
        689 0.0 0.0
                       0
                           0?
                                  S
root
                       0
                           0?
                                  S< 01:20 0:00 [amdgpu-pageflip]
        702 0.0 0.0
root
        703 0.0 0.0
                       0
                           0?
                                  S< 01:20 0:00 [amdgpu-pageflip]
root
```

```
704 0.0 0.0
                          0?
                                  S< 01:20 0:00 [amdgpu-pageflip]
root
                          0 ?
                                     01:20 0:11 [gfx]
root
        716 0.1 0.0
                      0
                                  S
       717 0.0 0.0
                      0
                          0 ?
                                  S
                                     01:20 0:00 [comp 1.0.0]
root
        718 0.0 0.0
                      0
                          0?
                                  S
                                     01:20 0:00 [comp 1.0.1]
root
                                  S
       720 0.0 0.0
                          0?
                                     01:20 0:00 [comp 1.0.2]
                      0
root
        729 0.0 0.0
                          0 ?
                                  S
                                     01:20 0:00 [comp 1.0.3]
                      0
root
       730 0.0 0.0
                      0
                          0?
                                  S
                                     01:20 0:00 [comp 1.0.4]
root
       731 0.0 0.0
                          0?
                                  S
                                     01:20 0:00 [comp 1.0.5]
                      0
root
       732 0.0 0.0
                      0
                          0?
                                  S
                                     01:20 0:00 [comp 1.0.6]
root
                          0?
       733 0.0 0.0
                                     01:20 0:00 [comp 1.0.7]
root
                          0?
                                  S
root
       734 0.0 0.0
                                     01:20 0:02 [sdma0]
       735 0.0 0.0
                          0?
                                  S
                                     01:20 0:00 [sdma1]
root
                                  S
        736 0.0 0.0
                      0
                          0?
                                     01:20 0:00 [uvd]
root
       737 0.0 0.0
                          0?
                                  S
                                     01:20 0:00 [vce0]
root
                                  S 01:20 0:00 [vce1]
       738 0.0 0.0
                          0?
                      0
root
                          0?
                                  S< 01:20 0:00 [bioset]
       744 0.0 0.0
                      0
root
       747 0.0 0.0
                      0
                          0?
                                  S< 01:20 0:00 [bioset]
root
        790 0.0 0.0
                          0 ?
                                  S< 01:20 0:00 [kworker/3:1H]
root
                      0
                                  S< 01:20 0:00 [kworker/1:1H]
        798 0.0 0.0
                      0
                          0?
root
       808 0.0 0.0
                      0
                          0?
                                  S< 01:20 0:00 [bioset]
root
       969 0.0 0.0
                      0
                          0?
                                  S< 01:20 0:00 [kworker/2:1H]
root
                           0?
       1109 0.0 0.0
                       0
                                  S< 01:20 0:01 [loop0]
root
       1113 0.0 0.0
                       0
                           0?
                                  S< 01:20 0:00 [kworker/0:1H]
root
                           0 ?
                                     01:20 0:00 [kauditd]
root
       2104 0.0 0.0
                       0
       2385 0.0 0.0 31640 3308?
                                      Ss 01:20 0:00 /lib/systemd/systemd-journald
root
       2406 0.0 0.1 45192 4640?
                                      Ss 01:20 0:01 /lib/systemd/systemd-udevd
root
       2416 0.0 0.0 102968 1604?
                                       Ss 01:20 0:00 /sbin/lvmetad -f
root
                                      01:20 0:00 [cfg80211]
       2854 0.0 0.0
                       0
                           0 ?
                                  S<
root
systemd+ 3025 0.0 0.0 102384 2576?
                                          Ssl 01:20 0:00 /lib/systemd/systemd-timesyncd
       3076 0.0 0.0
                                  S< 01:20 0:00 [edac-poller]
root
                       0
                           0 ?
       3577 0.0 0.0 28648 3228 ?
                                      Ss 01:20 0:00 /lib/systemd/systemd-logind
root
       3583 0.0 0.0 4396 1276?
                                      Ss 01:20 0:00 /usr/sbin/acpid
root
       3587 0.0 0.0 36076 2944?
                                      Ss 01:20 0:00 /usr/sbin/cron -f
root
       3592 0.0 0.1 44912 3556?
                                       Ss 01:20 0:00 avahi-daemon: running [ubuntu.local]
avahi
       3603 0.0 0.4 304068 15684 ?
                                       Ssl 01:20 0:00 /usr/lib/snapd/snapd
root
       3609 0.0 0.3 337396 10804 ?
                                       Ssl 01:20 0:02 /usr/sbin/ModemManager
root
       3611 0.0 0.1 282956 6412 ?
                                       Ssl 01:20 0:00 /usr/lib/accountsservice/accounts-
root
daemon
whoopsie 3627 0.0 0.4 374044 14260?
                                          Ssl 01:20 0:00 /usr/bin/whoopsie -f
syslog 3637 0.0 0.0 256396 3304?
                                        Ssl 01:20 0:00 /usr/sbin/rsyslogd -n
message+ 3647 0.0 0.1 44296 5272?
                                         Ss 01:20 0:03 /usr/bin/dbus-daemon --system
--address=systemd: --nofork --nopidfile --systemd-activation
        3760 0.0 0.0 44788 344?
                                         01:20 0:00 avahi-daemon: chroot helper
avahi
       3830 0.0 0.4 456244 16664 ?
root
                                       Ssl 01:20 0:01 /usr/sbin/NetworkManager --no-
daemon
       3843 0.0 0.0
                       0
                           0.5
                                  S< 01:20 0:00 [kvm-irqfd-clean]
root
       3853 0.0 0.2 274820 9220 ?
                                       Ssl 01:20 0:00 /usr/sbin/cups-browsed
root
                                  S<
                                      01:20 0:00 [led_workqueue]
       3882 0.0 0.0
                       0
                           0 ?
root
       4009 0.0 0.2 289052 8828 ?
                                       Ssl 01:20 0:00 /usr/lib/policykit-1/polkitd --no-debug
root
       4019 0.0 0.0 19596 2372?
                                      Ss 01:20 0:00 /usr/sbin/irgbalance
root
--pid=/var/run/irgbalance.pid
       4021 0.0 0.1 31956 4320?
root
                                      Ss 01:20 0:00 /usr/lib/bluetooth/bluetoothd
```

```
4023 0.0 0.1 350372 6108 ?
                                       Ssl 01:20 0:00 /usr/sbin/lightdm
root
       4048 2.3 2.2 356152 78620 tty7
                                        Ssl+ 01:20 2:36 /usr/lib/xorg/Xorg -core :0 -seat seat0
root
-auth /var/run/lightdm/root/:0 -nolisten tcp vt7 -novtswitch
       4070 0.0 0.0 23008 1824 tty1
                                       Ss+ 01:20 0:00 /sbin/agetty --noclear tty1 linux
root
       4086 0.0 0.2 44116 7192?
                                      Ss 01:20 0:00 /sbin/wpa_supplicant -u -s -O
root
/run/wpa_supplicant
root
       4094 0.0 0.1 246588 6956 ?
                                       Sl 01:20 0:00 lightdm --session-child 12 15
       4100 0.0 0.1 45380 4856?
                                       Ss 01:20 0:00 /lib/systemd/systemd --user
ubuntu
ubuntu 4101 0.0 0.0 82028 2432?
                                       S
                                           01:20 0:00 (sd-pam)
                                       Ss 01:20 0:00 /sbin/upstart --user
ubuntu 4105 0.0 0.1 53528 4696?
ubuntu 4179 0.0 0.0 39928 2196?
                                           01:20 0:00 upstart-udev-bridge --daemon --user
                                        Ss 01:20 0:02 dbus-daemon --fork --session
ubuntu 4192 0.0 0.1 43952 4340?
--address=unix:abstract=/tmp/dbus-xxgVIGxOyI
ubuntu 4204 0.0 0.2 93416 9208?
                                        Ss 01:20 0:00 /usr/lib/x86 64-linux-
gnu/hud/window-stack-bridge
ubuntu 4231 0.0 0.0 39924 1636?
                                           01:20 0:00 upstart-dbus-bridge --daemon --session
--user --bus-name session
ubuntu 4233 0.0 0.0 39864 312?
                                          01:20 0:00 upstart-dbus-bridge --daemon --system
--user --bus-name system
ubuntu 4235 0.0 0.0 48356 384?
                                          01:20 0:00 upstart-file-bridge --daemon --user
ubuntu 4242 0.0 0.1 212288 6904?
                                        SLl 01:20 0:00 gnome-keyring-daemon --start
--components ssh
ubuntu 4250 0.1 0.2 352636 7300?
                                        Ssl 01:20 0:10 /usr/bin/ibus-daemon --daemonize
--xim
ubuntu 4269 0.0 1.4 621732 53088 ?
                                         Ssl 01:20 0:04 /usr/lib/x86_64-linux-
gnu/bamf/bamfdaemon
ubuntu 4278 0.0 0.1 178672 5108?
                                        Sl 01:20 0:00 /usr/lib/dconf/dconf-service
       4305 0.0 0.1 337992 5964 ?
                                        Sl 01:20 0:00 /usr/lib/at-spi2-core/at-spi-bus-
ubuntu
launcher
ubuntu 4310 0.0 0.1 43024 4044?
                                        S 01:20 0:00 /usr/bin/dbus-daemon --config-
file=/etc/at-spi2/accessibility.conf --nofork --print-address 3
ubuntu 4313 0.0 0.1 355324 6484?
                                        Sl 01:20 0:00 /usr/lib/gvfs/gvfsd
ubuntu 4315 0.0 0.1 206880 6468?
                                        Sl 01:20 0:00 /usr/lib/at-spi2-core/at-spi2-registryd
--use-gnome-session
ubuntu 4322 0.0 0.2 406860 7272?
                                        Sl 01:20 0:00 /usr/lib/gvfs/gvfsd-fuse
/run/user/999/gvfs -f -o big writes
ubuntu 4344 0.0 0.1 271312 6292?
                                        Sl 01:20 0:00 /usr/lib/ibus/ibus-dconf
                                         Sl 01:20 0:02 /usr/lib/ibus/ibus-ui-gtk3
ubuntu 4345 0.0 0.8 477336 29608 ?
ubuntu 4349 0.0 0.6 427660 21348?
                                         Sl 01:20 0:00 /usr/lib/ibus/ibus-x11 --kill-daemon
                                        Sl 01:20 0:03 /usr/lib/ibus/ibus-engine-simple
ubuntu 4368 0.0 0.1 195456 5476?
ubuntu 4394 0.0 1.1 654084 40064?
                                         Ssl 01:20 0:01 /usr/lib/x86_64-linux-gnu/hud/hud-
service
ubuntu 4396 0.0 0.9 854156 33564?
                                         Ssl 01:20 0:00 /usr/lib/unity-settings-daemon/unity-
settings-daemon
ubuntu 4402 0.0 0.4 559512 15212 ?
                                         Ssl 01:20 0:00 /usr/lib/gnome-session/gnome-
session-binary --session=ubuntu
ubuntu 4406 0.0 0.9 640588 35104?
                                         Ssl 01:20 0:05 /usr/lib/x86 64-linux-gnu/unity/unity-
panel-service
ubuntu 4420 1.7 6.3 1547260 225468 ?
                                          Ssl 01:20 1:54 compiz
                                       Ssl 01:20 0:00 /usr/lib/upower/upowerd
       4427 0.0 0.2 354324 10080 ?
root
ubuntu 4431 0.0 0.1 351584 6328?
                                        Ssl 01:20 0:00 /usr/lib/x86 64-linux-gnu/indicator-
messages/indicator-messages-service
```

```
ubuntu 4434 0.0 0.1 414172 5760?
                                         Ssl 01:20 0:00 /usr/lib/x86 64-linux-gnu/indicator-
bluetooth/indicator-bluetooth-service
       4435 0.0 0.2 444680 10628 ?
                                          Ssl 01:20 0:00 /usr/lib/x86_64-linux-gnu/indicator-
power/indicator-power-service
ubuntu 4437 0.0 0.5 1240008 20600 ?
                                          Ssl 01:20 0:00 /usr/lib/x86 64-linux-gnu/indicator-
datetime/indicator-datetime-service
ubuntu 4438 0.0 0.8 640564 28912 ?
                                         Ssl 01:20 0:00 /usr/lib/x86_64-linux-gnu/indicator-
kevboard/indicator-kevboard-service --use-gtk
ubuntu 4439 0.0 0.3 744052 12360 ?
                                          Ssl 01:20 0:00 /usr/lib/x86 64-linux-gnu/indicator-
sound/indicator-sound-service
ubuntu 4441 0.0 0.6 547488 22992 ?
                                          Ssl 01:20 0:00 /usr/lib/x86_64-linux-gnu/indicator-
printers/indicator-printers-service
ubuntu 4444 0.0 0.2 693120 10040 ?
                                          Ssl 01:20 0:00 /usr/lib/x86_64-linux-gnu/indicator-
session/indicator-session-service
ubuntu 4468 0.0 0.3 395940 12580?
                                          Ssl 01:20 0:00 /usr/lib/x86_64-linux-gnu/indicator-
application/indicator-application-service
ubuntu 4512 0.0 0.0
                         0
                             0?
                                        01:20 0:00 [check_gl_textur] <defunct>
        4523 0.0 0.3 515836 11372 ?
                                         S<l 01:20 0:00 /usr/bin/pulseaudio --start --log-
ubuntu
target=syslog
ubuntu 4525 0.0 0.7 1185764 27660 ?
                                          Sl 01:20 0:00 /usr/lib/evolution/evolution-source-
registry
      4526 0.0 0.0 183544 2940 ?
                                       SNsl 01:20 0:00 /usr/lib/rtkit/rtkit-daemon
rtkit
ubuntu 4556 0.0 1.6 862612 59052 ?
                                         Sl 01:20 0:00 /usr/lib/evolution/evolution-calendar-
factory
                                         Sl 01:20 0:00 /usr/lib/evolution/evolution-calendar-
ubuntu
       4563 0.0 1.4 814624 52000 ?
factory-subprocess --factory contacts --bus-name
org.gnome.evolution.dataserver.Subprocess.Backend.Ca
ubuntu 4573 0.0 0.5 697664 20520 ?
                                         Sl 01:20 0:00 /usr/lib/evolution/evolution-
addressbook-factory
ubuntu 4575 0.0 1.4 811728 51732 ?
                                         Sl 01:20 0:00 /usr/lib/evolution/evolution-calendar-
factory-subprocess --factory local --bus-name
org.gnome.evolution.dataserver.Subprocess.Backend.Calen
ubuntu 4582 0.0 0.4 846888 17548?
                                         Sl 01:20 0:00 /usr/lib/evolution/evolution-
addressbook-factory-subprocess --factory local --bus-name
org.gnome.evolution.dataserver.Subprocess.Backend.Ad
       4599 0.0 0.3 308260 13352 ?
colord
                                         Ssl 01:20 0:00 /usr/lib/colord/colord
ubuntu 4610 0.0 0.1 193084 5524?
                                         Sl 01:20 0:00 /usr/lib/gvfs/gvfsd-metadata
        4640 0.1 1.7 1100768 63288 ?
                                          Sl 01:20 0:10 nautilus -n
ubuntu
ubuntu 4645 0.0 1.0 671232 36728?
                                          Sl 01:20 0:01 nm-applet
ubuntu 4646 0.0 0.5 429268 19744?
                                          Sl 01:20 0:00 /usr/lib/policykit-1-gnome/polkit-
gnome-authentication-agent-1
        4657 0.0 0.6 576952 23292 ?
                                         Sl 01:20 0:00 /usr/lib/unity-settings-daemon/unity-
ubuntu
fallback-mount-helper
ubuntu 4684 0.0 0.2 292636 8224?
                                         Sl 01:20 0:00 /usr/lib/gvfs/gvfs-udisks2-volume-
monitor
root
       4687 0.0 0.2 441908 10048 ?
                                        Ssl 01:20 0:02 /usr/lib/udisks2/udisksd --no-debug
        4701 0.0 0.1 271128 5872 ?
                                         Sl 01:20 0:00 /usr/lib/gvfs/gvfs-mtp-volume-monitor
ubuntu
ubuntu
        4710 0.0 0.1 278924 6284 ?
                                         Sl 01:20 0:00 /usr/lib/gvfs/gvfs-gphoto2-volume-
monitor
       4715 0.0 0.1 264604 4872 ?
                                         Sl 01:20 0:00 /usr/lib/gvfs/gvfs-goa-volume-monitor
ubuntu
        4720 0.0 0.2 410676 9064 ?
                                         Sl 01:20 0:00 /usr/lib/gvfs/gvfs-afc-volume-monitor
ubuntu
```

```
ubuntu 4742 0.0 0.1 357616 6840 ?
                                        Sl 01:20 0:00 /usr/lib/gvfs/gvfsd-trash --spawner :
1.16 /org/gtk/gvfs/exec spaw/0
ubuntu 4820 0.0 0.4 724244 16272 ?
                                         Sl 01:21 0:00 zeitgeist-datahub
ubuntu 4827 0.0 0.0 4508 712?
                                      S 01:21 0:00 /bin/sh -c /usr/lib/x86 64-linux-
gnu/zeitgeist/zeitgeist-maybe-vacuum; /usr/bin/zeitgeist-daemon
ubuntu 4831 0.0 0.2 410340 7600?
                                        Sl 01:21 0:00 /usr/bin/zeitgeist-daemon
ubuntu 4838 0.0 0.5 317316 18032 ?
                                         Sl 01:21 0:00 /usr/lib/x86_64-linux-gnu/zeitgeist-fts
ubuntu 4888 0.0 0.1 68240 5176?
                                        S 01:21 0:00 /usr/lib/x86 64-linux-
gnu/gconf/gconfd-2
ubuntu 4924 0.0 0.6 522744 23212 ?
                                         Sl 01:21 0:00 update-notifier
                                        Sl 01:22 0:00 /usr/lib/x86_64-linux-gnu/deja-
ubuntu 4936 0.0 0.2 442508 9348?
dup/deia-dup-monitor
ubuntu 4955 0.0 0.4 652128 17300 ?
                                         Sl 01:25 0:00 /usr/lib/x86_64-linux-gnu/unity-
scope-home/unity-scope-home
ubuntu 4966 0.0 0.8 657080 28928?
                                         Sl 01:25 0:01 /usr/bin/unity-scope-loader
applications/applications.scope applications/scopes.scope commands.scope
ubuntu 4968 0.0 0.4 1129316 16248?
                                         Sl 01:25 0:00 /usr/lib/x86_64-linux-gnu/unity-lens-
files/unity-files-daemon
ubuntu 5174 0.0 0.8 489180 30720 ?
                                         Sl 01:53 0:01 /usr/lib/x86 64-linux-gnu/notify-osd
nobody 5189 0.0 0.1 59936 4108?
                                        S 01:54 0:00 /usr/sbin/dnsmasq --no-resolv --keep-
in-foreground --no-hosts --bind-interfaces --pid-file=/var/run/NetworkManager/dnsmasq.pid
--listen-add
root
       6813 0.0 0.0
                           0?
                                  S
                                     02:15 0:01 [kworker/u8:3]
                                          SLl 02:17 0:07 /usr/bin/gnome-software
ubuntu 7408 0.2 3.6 1513248 128096?
--gapplication-service
       7423 0.0 1.0 628984 35476 ?
                                       Sl 02:17 0:01 /usr/lib/x86_64-linux-gnu/fwupd/fwupd
root
                                      S 02:20 0:00 sh -c ubiquity gtk ui
ubuntu 7796 0.0 0.0 4508 712?
       7799 0.0 0.0 4508 712?
                                     S 02:20 0:00 /bin/sh /usr/lib/udisks2/udisks2-inhibit
root
/usr/lib/ubiquity/bin/ubiquity gtk ui
ubuntu 7806 95.1 2.8 475416 100296?
                                          Rl 02:20 46:53 /usr/bin/python3
/usr/lib/ubiquity/bin/ubiquity gtk_ui
       7879 0.0 0.0 2232
                             4 pts/1 Ss+ 02:20 0:00 /bin/busybox tail -f
/var/log/installer/debug -f /var/log/syslog -q
ubuntu
       7881 0.0 0.7 620516 27664 ?
                                         Sl 02:20 0:00 a11y-profile-manager-indicator -i
       7898 0.0 0.0 43744 2368 ?
                                        S 02:20 0:00 dbus-launch
ubuntu
--autolaunch=3015304413a4408bbd5d78b467fbae4c --binary-syntax --close-stderr
                                        Ss 02:20 0:00 /usr/bin/dbus-daemon --fork --print-pid
ubuntu 7902 0.0 0.0 42768 2616?
5 --print-address 7 --session
ubuntu 7909 0.0 0.1 178664 6988?
                                        Sl 02:20 0:00 /usr/lib/dconf/dconf-service
       9126 0.0 1.1 91628 39360 ?
                                       S 02:20 0:00 /usr/bin/perl -w /usr/bin/debconf-
root
communicate -fnoninteractive ubiquity
       9227 0.0 0.0 6456 796?
root
                                     S 02:21 0:00 log-output -t ubiquity --pass-stdout sh -c
/usr/share/ubiquity/activate-dmraid && /bin/partman
       9228 0.0 0.0 4504 796?
                                        02:21 0:00 sh -c /usr/share/ubiquity/activate-dmraid
root
&& /bin/partman
       9234 0.0 0.0 4640 1876?
                                     S 02:21 0:00 /bin/sh /bin/partman
root
                           0?
                                  S< 02:21 0:00 [bioset]
       9289 0.0 0.0
                      0
root
       9328 0.0 0.0
                           0 ?
                                  S
                                     02:21 0:00 [jfsIO]
                      0
root
       9329 0.0 0.0
                      0
                          0 ?
                                  S
                                     02:21 0:00 [jfsCommit]
root
                          0?
                                  S
                                     02:21 0:00 [ifsCommit]
       9330 0.0 0.0
                      0
root
       9331 0.0 0.0
                      0
                          0 ?
                                  S
                                     02:21 0:00 [jfsCommit]
root
       9332 0.0 0.0
                           0 ?
                                  S
                                     02:21 0:00 [jfsCommit]
root
                       0
```

```
9333 0.0 0.0
                      0
                          0?
                                  S 02:21 0:00 [ifsSvnc]
root
       9345 0.0 0.0
                          0?
                                  S< 02:21 0:00 [xfsalloc]
root
                       0
       9346 0.0 0.0
                      0
                          0 ?
                                  S< 02:21 0:00 [xfs_mru_cache]
root
       9401 0.0 0.1 31920 4488?
                                         02:21 0:00 parted server
root
      10985 0.0 0.0 4640 1872 ?
                                         02:21 0:00 /bin/sh
root
/lib/partman/display.d/10initial_auto
      14275 0.0 0.0 43744 2372 ?
                                       S 02:24 0:00 dbus-launch
--autolaunch=3015304413a4408bbd5d78b467fbae4c --binary-syntax --close-stderr
      14276 0.0 0.0 42768 2612 ?
                                       Ss 02:24 0:00 /usr/bin/dbus-daemon --fork --print-pid
root
5 --print-address 7 --session
                                       Sl 02:24 0:00 /usr/lib/dconf/dconf-service
      14279 0.0 0.1 178664 4764 ?
ubuntu 14814 0.0 0.1 359996 6900?
                                        Sl 02:38 0:00 /usr/lib/gvfs/gvfsd-network
--spawner :1.16 /org/gtk/gvfs/exec_spaw/2
ubuntu 14841 0.0 0.1 368788 6908?
                                        Sl 02:38 0:00 /usr/lib/gvfs/gvfsd-dnssd --spawner :
1.16 /org/gtk/gvfs/exec_spaw/6
      15058 0.0 0.0
                           0?
                                      02:39 0:00 [kworker/0:1]
                                  S
root
root
      15314 0.0 0.0
                       0
                           0?
                                  R 02:49 0:00 [kworker/u8:0]
      15581 0.0 0.0
                       0
                           0 ?
                                  S 02:50 0:00 [kworker/0:4]
root
                                  S 02:50 0:00 [kworker/2:3]
      15586 0.0 0.0
                       0
                           0?
root
      15593 0.0 0.0
                       0
                           0 ?
                                  S
                                     02:50 0:00 [kworker/1:3]
root
      15875 0.0 0.0
                       0
                           0 ?
                                  R
                                      02:52 0:00 [kworker/3:1]
root
ubuntu 15881 0.4 0.8 474420 30416?
                                         Sl 02:54 0:04 gnome-power-statistics --device
/org/freedesktop/UPower/devices/battery BAT0
                                      02:58 0:00 [kworker/1:0]
root
      16550 0.0 0.0
                       0
                           0 ?
                                  S
                                  S
                       0
                           0 ?
                                      02:59 0:00 [kworker/3:2]
root
      16593 0.0 0.0
      16594 0.0 0.0
                       0
                           0 ?
                                  S
                                      02:59 0:00 [kworker/2:1]
root
ubuntu 16606 0.6 1.1 663592 40304?
                                         Rl 02:59 0:03 /usr/lib/gnome-terminal/gnome-
terminal-server
ubuntu 16613 0.0 0.1 29504 5032 pts/17 Ss 02:59 0:00 bash
      16623 0.0 0.1 80188 4496 pts/17 S
                                           03:00 0:00 sudo su
root
      16624 0.0 0.1 79768 4212 pts/17 S
                                           03:00 0:00 su
root
      16625 0.0 0.1 28272 3908 pts/17 S 03:00 0:00 bash
root
root
      16651 0.0 0.0
                       0
                           0 ?
                                  S 03:02 0:00 [kworker/u8:1]
ubuntu 16703 0.9 1.1 732900 40784?
                                         Sl 03:05 0:02 gedit
                                      03:05 0:00 [kworker/3:0]
      16719 0.0 0.0
                       0
                           0 ?
                                  S
root
      16720 0.0 0.0
                       0
                           0?
                                  S 03:05 0:00 [kworker/1:1]
root
                                  S
      16732 0.0 0.0
                       0
                           0 ?
                                      03:06 0:00 [kworker/2:0]
root
                           0 ?
                                  S 03:07 0:00 [kworker/u8:2]
      16738 0.0 0.0
                       0
root
      16741 0.0 0.0 44432 3332 pts/17 R+ 03:09 0:00 ps -axu
root
root@ubuntu:/home/ubuntu# lspci
00:00.0 Host bridge: Advanced Micro Devices, Inc. [AMD] Device 1576
00:00.2 IOMMU: Advanced Micro Devices, Inc. [AMD] Device 1577
00:01.0 VGA compatible controller: Advanced Micro Devices, Inc. [AMD/ATI] Carrizo (rev ca)
00:01.1 Audio device: Advanced Micro Devices, Inc. [AMD/ATI] Kabini HDMI/DP Audio
00:02.0 Host bridge: Advanced Micro Devices, Inc. [AMD] Device 157b
00:02.2 PCI bridge: Advanced Micro Devices, Inc. [AMD] Device 157c
00:02.3 PCI bridge: Advanced Micro Devices, Inc. [AMD] Device 157c
00:03.0 Host bridge: Advanced Micro Devices, Inc. [AMD] Device 157b
00:03.1 PCI bridge: Advanced Micro Devices, Inc. [AMD] Device 157c
00:08.0 Encryption controller: Advanced Micro Devices, Inc. [AMD] Device 1578
00:09.0 Host bridge: Advanced Micro Devices, Inc. [AMD] Device 157d
00:09.2 Audio device: Advanced Micro Devices, Inc. [AMD] Device 157a
```

```
00:10.0 USB controller: Advanced Micro Devices, Inc. [AMD] FCH USB XHCI Controller (rev
20)
00:11.0 SATA controller: Advanced Micro Devices, Inc. [AMD] FCH SATA Controller [AHCI
model (rev 49)
00:12.0 USB controller: Advanced Micro Devices, Inc. [AMD] FCH USB EHCI Controller (rev 49)
00:14.0 SMBus: Advanced Micro Devices, Inc. [AMD] FCH SMBus Controller (rev 4a)
00:14.3 ISA bridge: Advanced Micro Devices, Inc. [AMD] FCH LPC Bridge (rev 11)
00:18.0 Host bridge: Advanced Micro Devices, Inc. [AMD] Device 1570
00:18.1 Host bridge: Advanced Micro Devices, Inc. [AMD] Device 1571
00:18.2 Host bridge: Advanced Micro Devices, Inc. [AMD] Device 1572
00:18.3 Host bridge: Advanced Micro Devices, Inc. [AMD] Device 1573
00:18.4 Host bridge: Advanced Micro Devices, Inc. [AMD] Device 1574
00:18.5 Host bridge: Advanced Micro Devices, Inc. [AMD] Device 1575
01:00.0 Network controller: Qualcomm Atheros QCA9565 / AR9565 Wireless Network Adapter
(rev 01)
02:00.0 Ethernet controller: Realtek Semiconductor Co., Ltd. RTL8111/8168/8411 PCI Express
Gigabit Ethernet Controller (rev 10)
03:00.0 Display controller: Advanced Micro Devices, Inc. [AMD/ATI] Sun XT [Radeon HD
8670A/8670M/8690M / R5 M330] (rev ff)
root@ubuntu:/home/ubuntu# free
                                shared buff/cache available
        total
                used
                         free
          3545012
                     1193248
Mem:
                                744372
                                           284280
                                                     1607392
                                                                1782988
Swap:
             0
                    0
root@ubuntu:/home/ubuntu# cat /proc/cpuinfo
processor
vendor_id
           : AuthenticAMD
cpu family : 21
model
            : 101
model name: AMD A10-9600P RADEON R5, 10 COMPUTE CORES 4C+6G
stepping: 1
microcode : 0x600611a
cpu MHz
                : 1200.000
           : 1024 KB
cache size
physical id : 0
siblings: 4
core id
            : 0
cpu cores
            : 4
apicid
            : 16
initial apicid: 0
fpu
        : yes
fpu_exception
                : yes
cpuid level : 13
wp
        : ves
            : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush
flags
mmx fxsr sse sse2 ht syscall nx mmxext fxsr_opt pdpe1gb rdtscp lm constant_tsc rep_good nopl
nonstop tsc extd apicid aperfmperf eagerfpu pni pclmulqdq monitor ssse3 fma cx16 sse4 1 sse4 2
movbe popcnt aes xsave avx f16c rdrand lahf_lm cmp_legacy svm extapic cr8_legacy abm sse4a
misalignsse 3dnowprefetch osvw ibs xop skinit wdt lwp fma4 tce nodeid_msr tbm perfctr_core
perfctr nb bpext mwaitx cpb hw pstate vmmcall fsgsbase bmi1 avx2 smep bmi2 xsaveopt arat npt
lbry sym lock nrip save tsc scale ymcb clean flushbyasid decodeassists pausefilter pfthreshold
```

bugs

bogomips

: fxsave leak sysret ss attrs

: 4791.02

TLB size : 1536 4K pages

clflush size : 64 cache_alignment : 64

address sizes: 48 bits physical, 48 bits virtual

power management: ts ttp tm 100mhzsteps hwpstate cpb eff_freq_ro [12] [13]

processor : 1

vendor_id : AuthenticAMD

cpu family : 21 model : 101

model name: AMD A10-9600P RADEON R5, 10 COMPUTE CORES 4C+6G

stepping: 1

microcode : 0x600611a cpu MHz : 1200.000 cache size : 1024 KB physical id : 0

siblings: 4
core id: 1
cpu cores: 4
apicid: 17
initial apicid: 1
fpu: yes

fpu_exception : yes cpuid level : 13 wp : yes

flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr_opt pdpe1gb rdtscp lm constant_tsc rep_good nopl nonstop_tsc extd_apicid aperfmperf eagerfpu pni pclmulqdq monitor ssse3 fma cx16 sse4_1 sse4_2 movbe popcnt aes xsave avx f16c rdrand lahf_lm cmp_legacy svm extapic cr8_legacy abm sse4a misalignsse 3dnowprefetch osvw ibs xop skinit wdt lwp fma4 tce nodeid_msr tbm perfctr_core perfctr_nb bpext mwaitx cpb hw_pstate vmmcall fsgsbase bmi1 avx2 smep bmi2 xsaveopt arat npt lbrv svm_lock nrip_save tsc_scale vmcb_clean flushbyasid decodeassists pausefilter pfthreshold

bugs : fxsave_leak sysret_ss_attrs

bogomips : 4791.02

TLB size : 1536 4K pages

clflush size : 64 cache_alignment : 64

address sizes: 48 bits physical, 48 bits virtual

power management: ts ttp tm 100mhzsteps hwpstate cpb eff freq ro [12] [13]

processor : 2

vendor_id : AuthenticAMD

cpu family : 21 model : 101

model name: AMD A10-9600P RADEON R5, 10 COMPUTE CORES 4C+6G

stepping: 1

microcode : 0x600611a cpu MHz : 1200.000 cache size : 1024 KB

physical id : 0 siblings : 4 core id : 2

cpu cores : 4
apicid : 18
initial apicid : 2
fpu : yes

fpu_exception : yes cpuid level : 13

wp : yes

flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr_opt pdpe1gb rdtscp lm constant_tsc rep_good nopl nonstop_tsc extd_apicid aperfmperf eagerfpu pni pclmulqdq monitor ssse3 fma cx16 sse4_1 sse4_2 movbe popcnt aes xsave avx f16c rdrand lahf_lm cmp_legacy svm extapic cr8_legacy abm sse4a misalignsse 3dnowprefetch osvw ibs xop skinit wdt lwp fma4 tce nodeid_msr tbm perfctr_core perfctr_nb bpext mwaitx cpb hw_pstate vmmcall fsgsbase bmi1 avx2 smep bmi2 xsaveopt arat npt lbrv svm_lock nrip_save tsc_scale vmcb_clean flushbyasid decodeassists pausefilter pfthreshold

bugs : fxsave_leak sysret_ss_attrs

bogomips : 4791.02

TLB size : 1536 4K pages

clflush size : 64 cache_alignment : 64

address sizes: 48 bits physical, 48 bits virtual

power management: ts ttp tm 100mhzsteps hwpstate cpb eff_freq_ro [12] [13]

processor : 3

vendor_id : AuthenticAMD

cpu family : 21 model : 101

model name: AMD A10-9600P RADEON R5, 10 COMPUTE CORES 4C+6G

stepping: 1

microcode : 0x600611a cpu MHz : 2400.000 cache size : 1024 KB

physical id : 0

siblings: 4
core id: 3
cpu cores: 4
apicid: 19
initial apicid: 3
fpu: ves

fpu_exception : yes cpuid level : 13

wp : yes

flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr_opt pdpe1gb rdtscp lm constant_tsc rep_good nopl nonstop_tsc extd_apicid aperfmperf eagerfpu pni pclmulqdq monitor ssse3 fma cx16 sse4_1 sse4_2 movbe popcnt aes xsave avx f16c rdrand lahf_lm cmp_legacy svm extapic cr8_legacy abm sse4a misalignsse 3dnowprefetch osvw ibs xop skinit wdt lwp fma4 tce nodeid_msr tbm perfctr_core perfctr_nb bpext mwaitx cpb hw_pstate vmmcall fsgsbase bmi1 avx2 smep bmi2 xsaveopt arat npt lbrv svm_lock nrip_save tsc_scale vmcb_clean flushbyasid decodeassists pausefilter pfthreshold

bugs : fxsave_leak sysret_ss_attrs

bogomips : 4791.02

TLB size : 1536 4K pages

clflush size : 64

cache_alignment: 64

address sizes: 48 bits physical, 48 bits virtual

power management: ts ttp tm 100mhzsteps hwpstate cpb eff_freq_ro [12] [13]

root@ubuntu:/home/ubuntu# finger root

Login: root Name: root
Directory: /root Shell: /bin/bash

Never logged in.

No mail. No Plan.

Tugas PAPAN TULIS

ubuntu@ubuntu:~\$ ls

Desktop Downloads pass 1 Public Videos

Documents Music Pictures Templates

ubuntu@ubuntu:~\$ ls -l

total 64

drwxr-xr-x 4 ubuntu ubuntu 180 Dec 28 04:21 Desktop

drwxr-xr-x 2 ubuntu ubuntu 60 Dec 28 04:11 Documents

drwxr-xr-x 2 ubuntu ubuntu 40 Dec 28 2019 Downloads

drwxr-xr-x 2 ubuntu ubuntu 40 Dec 28 2019 Music

-rw-rw-r-- 1 ubuntu ubuntu 63630 Dec 28 03:15 pass 1

drwxr-xr-x 2 ubuntu ubuntu 40 Dec 28 2019 Pictures

drwxr-xr-x 2 ubuntu ubuntu 40 Dec 28 2019 Public

drwxr-xr-x 2 ubuntu ubuntu 40 Dec 28 2019 Templates

drwxr-xr-x 2 ubuntu ubuntu 40 Dec 28 2019 Videos

ubuntu@ubuntu:~\$ ls /home

ubuntu

ubuntu@ubuntu:~\$ clear

ubuntu@ubuntu:~\$ ls

Desktop Downloads pass 1 Public Videos

Documents Music Pictures Templates

ubuntu@ubuntu:~\$ ls -l

total 64

drwxr-xr-x 4 ubuntu ubuntu 180 Dec 28 04:21 Desktop

drwxr-xr-x 2 ubuntu ubuntu 60 Dec 28 04:11 Documents

drwxr-xr-x 2 ubuntu ubuntu 40 Dec 28 2019 Downloads

drwxr-xr-x 2 ubuntu ubuntu 40 Dec 28 2019 Music

-rw-rw-r-- 1 ubuntu ubuntu 63630 Dec 28 03:15 pass 1

drwxr-xr-x 2 ubuntu ubuntu 40 Dec 28 2019 Pictures

drwxr-xr-x 2 ubuntu ubuntu 40 Dec 28 2019 Public

drwxr-xr-x 2 ubuntu ubuntu 40 Dec 28 2019 Templates

drwxr-xr-x 2 ubuntu ubuntu 40 Dec 28 2019 Videos

ubuntu@ubuntu:~\$ whatis

whatis what?

ubuntu@ubuntu:~\$ whatis ls

ls (1) - list directory contents

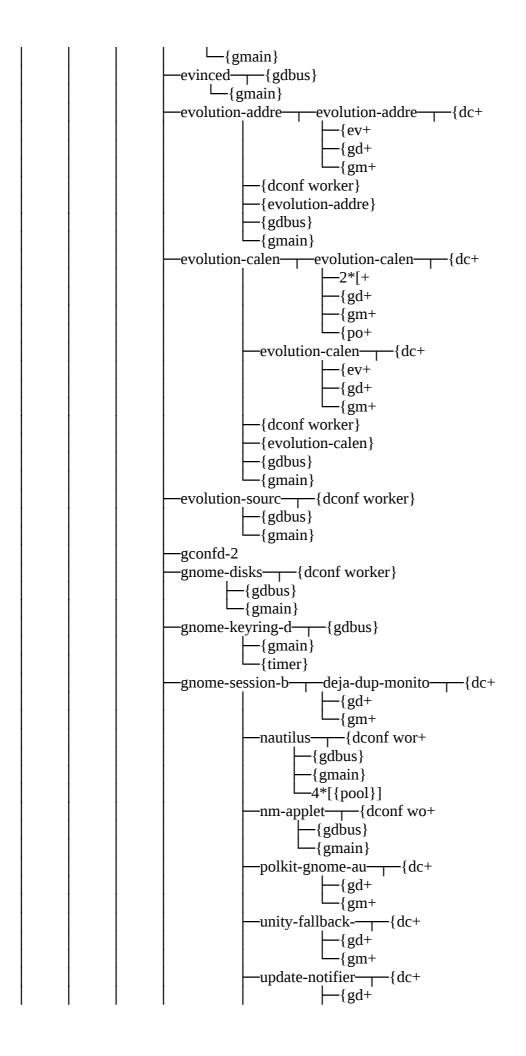
ubuntu@ubuntu:~\$ ls /home

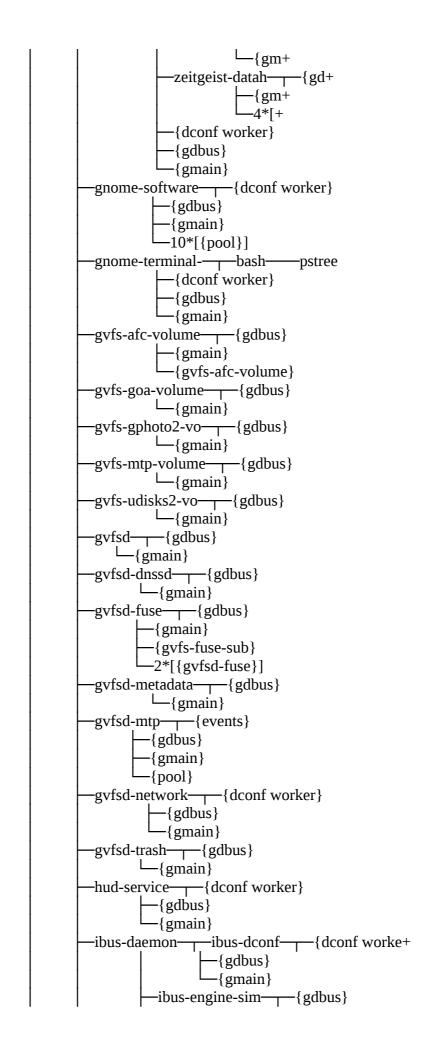
ubuntu

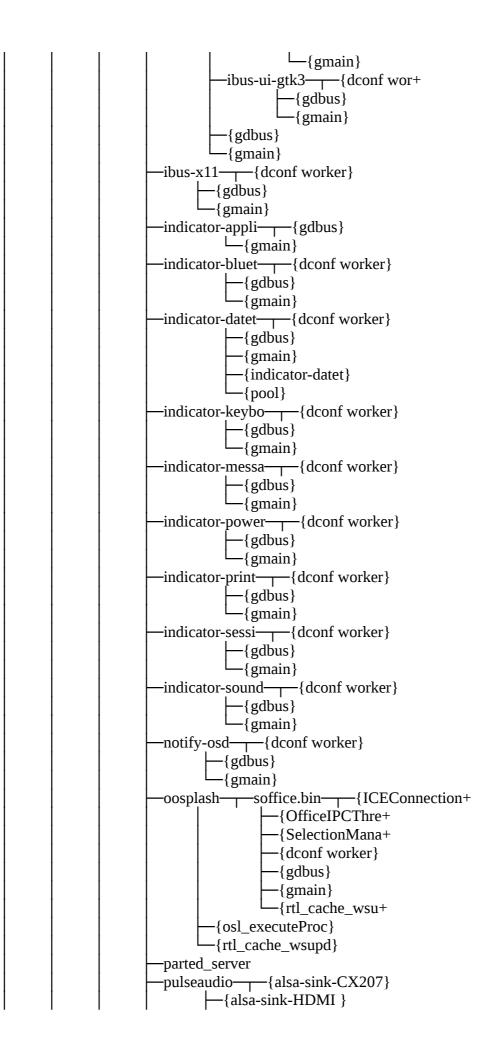
ubuntu@ubuntu:~\$ mkdir informatika

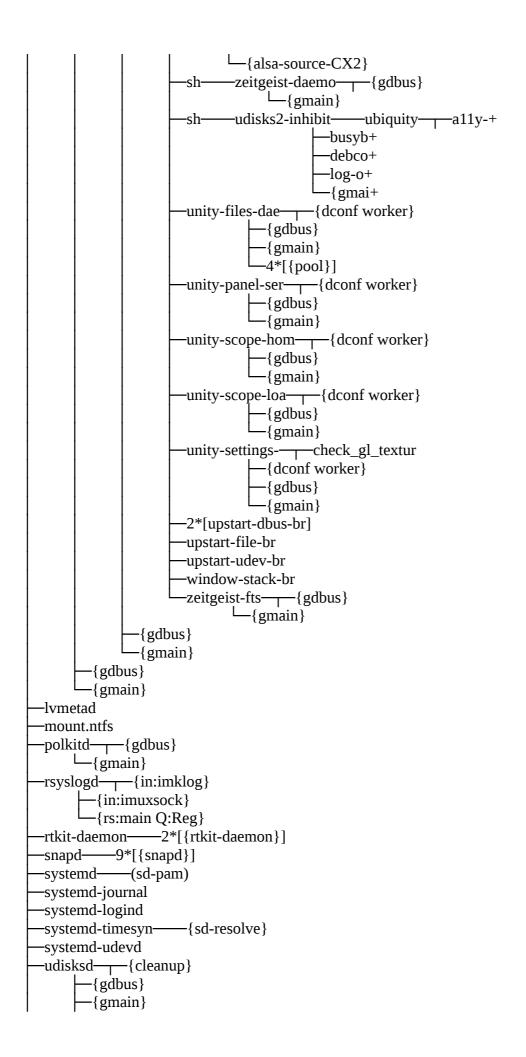
ubuntu@ubuntu:~\$ rmdir informatika

```
ubuntu@ubuntu:~$ which mkdir
/bin/mkdir
ubuntu@ubuntu:~$ whereis mkdir
mkdir: /bin/mkdir /usr/share/man/man1/mkdir.1.gz /usr/share/man/man2/mkdir.2.gz
ubuntu@ubuntu:~$ free
                                shared buff/cache available
       total
                used
                         free
Mem:
          3545012
                   1378864
                                228516
                                          342528
                                                   1937632
                                                              1531340
Swap:
            0
                    0
                           0
ubuntu@ubuntu:~$ pstree
systemd——ModemManager——{gdbus}
              └─{gmain}
       -NetworkManager----dnsmasq
                 -{gdbus}
                  -{gmain}
       –accounts-daemon<del>– ,</del>
                           -{gdbus}
                └─{gmain}
       -acpid
      -agetty
      –avahi-daemon——avahi-daemon
       -bluetoothd
       -colord——{gdbus}
           └─{gmain}
       -cron
       -cups-browsed——{gdbus}
              └─{gmain}
       -dbus-daemon
      -fwupd---3*[{GUsbEventThread}]
            -{fwupd}
             -{gdbus}
            -{gmain}
       -irqbalance
       −lightdm<del>−−</del>Xorg−
                           -{Xorg}
              -lightdm<del>−−</del>
                         -upstart——at-spi-bus-laun——dbus-daemon
                                      -{dconf worker}
                                       -{gdbus}
                                      -{gmain}
                           -at-spi2-registr——{gdbus}
                                     —{gmain}
                           -bamfdaemon-----{dconf worker}
                                   -{gdbus}
                                    -{gmain}
                           -compiz——{dconf worker}
                                 -{gdbus}
                                 -{gmain}
                                 -4*[{pool}]
                           -3*[dbus-daemon]
                           -2*[dbus-launch]
                           -3*[dconf-service——{gdbus}]
                                    └─{gmain}]
                           -evince——{EvJobScheduler}
                                 -{dconf worker}
                                  -{gdbus}
```









```
-{pool}
               {probing-thread}
       -upowerd——{gdbus}
            └─{gmain}
       -whoopsie——{gdbus}
               -{gmain}
       -wpa_supplicant
ubuntu@ubuntu:~$ touch rpl.txt
ubuntu@ubuntu:~$ rm rpl.txt
ubuntu@ubuntu:~$ df
Filesystem
            1K-blocks
                         Used Available Use% Mounted on
udev
                        0 1724900 0%/dev
            1724900
tmpfs
            354504 10420 344084 3% /run
/dev/sdc1
            14998504 1478192 13520312 10%/cdrom
/dev/loop0
              1425792 1425792
                                    0 100% /rofs
            1772504 280492 1492012 16%/
/cow
tmpfs
            1772504
                       268 1772236 1% /dev/shm
tmpfs
              5120
                           5112 1% /run/lock
tmpfs
                        0 1772504 0%/sys/fs/cgroup
            1772504
            1772504
tmpfs
                       2516 1769988 1%/tmp
                       104 354400 1% /run/user/999
tmpfs
            354504
            64508924 59391224 5117700 93% /mnt/1A6278D86278BA59
/dev/sda6
ubuntu@ubuntu:~$ du
4
    ./.dbus/session-bus
4
    ./.dbus
0
    ./.mozilla/extensions
36 ./.mozilla/firefox/xwj92s3x.default/saved-telemetry-pings
        ./.mozilla/firefox/xwj92s3x.default/gmp-gmpopenh264/1.6
1348
1348
        ./.mozilla/firefox/xwj92s3x.default/gmp-gmpopenh264
40 ./.mozilla/firefox/xwj92s3x.default/datareporting/archived/2019-12
    ./.mozilla/firefox/xwj92s3x.default/datareporting/archived
40
48 ./.mozilla/firefox/xwj92s3x.default/datareporting
    ./.mozilla/firefox/xwj92s3x.default/sessionstore-backups
8
    ./.mozilla/firefox/xwj92s3x.default/storage/temporary
0
    ./.mozilla/firefox/xwi92s3x.default/storage/default/https++
+www.howtogeek.com/idb/12183338011.files
44 ./.mozilla/firefox/xwj92s3x.default/storage/default/https+++www.howtogeek.com/idb
48 ./.mozilla/firefox/xwj92s3x.default/storage/default/https+++www.howtogeek.com
48 ./.mozilla/firefox/xwj92s3x.default/storage/default
    ./.mozilla/firefox/xwj92s3x.default/storage/permanent/chrome/idb/2918063365piupsah.files
0
48 ./.mozilla/firefox/xwj92s3x.default/storage/permanent/chrome/idb
52 ./.mozilla/firefox/xwj92s3x.default/storage/permanent/chrome
52 ./.mozilla/firefox/xwj92s3x.default/storage/permanent
100 ./.mozilla/firefox/xwj92s3x.default/storage
4
    ./.mozilla/firefox/xwj92s3x.default/bookmarkbackups
    ./.mozilla/firefox/xwj92s3x.default/webapps
4
    ./.mozilla/firefox/xwj92s3x.default/gmp/Linux x86 64-gcc3
0
0
    ./.mozilla/firefox/xwj92s3x.default/gmp
    ./.mozilla/firefox/xwj92s3x.default/crashes/events
0
    ./.mozilla/firefox/xwi92s3x.default/crashes
4
0
    ./.mozilla/firefox/xwj92s3x.default/minidumps
        ./.mozilla/firefox/xwj92s3x.default
13356
```

- 0 ./.mozilla/firefox/Crash Reports/events
- 4 ./.mozilla/firefox/Crash Reports
- 13364 ./.mozilla/firefox
- 13364 ./.mozilla
- 0 ./.gconf
- 0 ./.gnupg/private-keys-v1.d
- 0 ./.gnupg
- 8 ./.local/share/gnome-software
- 12 ./.local/share/Trash/files
- 4 ./.local/share/Trash/info
- 16 ./.local/share/Trash
- 268 ./.local/share/zeitgeist/fts.index
- 432 ./.local/share/zeitgeist
- 0 ./.local/share/nautilus/scripts
- 0 ./.local/share/nautilus
- 0 ./.local/share/unity-settings-daemon
- 4 ./.local/share/icc
- 108 ./.local/share/gvfs-metadata
- 0 ./.local/share/sounds
- 0 ./.local/share/evolution/tasks/system
- 0 ./.local/share/evolution/tasks/trash
- 0 ./.local/share/evolution/tasks
- 0 ./.local/share/evolution/memos/trash
- 0 ./.local/share/evolution/memos
- 0 ./.local/share/evolution/mail/trash
- 0 ./.local/share/evolution/mail
- 4 ./.local/share/evolution/calendar/system
- 0 ./.local/share/evolution/calendar/trash
- 4 ./.local/share/evolution/calendar
- 0 ./.local/share/evolution/addressbook/system/photos
- 24 ./.local/share/evolution/addressbook/system
- 0 ./.local/share/evolution/addressbook/trash
- 24 ./.local/share/evolution/addressbook
- 28 ./.local/share/evolution
- 0 ./.local/share/applications
- 0 ./.local/share/keyrings
- 616 ./.local/share
- 616 ./.local
- 4 ./.cache/thumbnails/normal
- 1052 ./.cache/thumbnails/large
- 1056 ./.cache/thumbnails
- 8 ./.cache/fontconfig
- 0 ./.cache/dconf
- 0 ./.cache/gnome-software/3.20/firmware
- 0 ./.cache/gnome-software/3.20
- 0 ./.cache/gnome-software
- 908 ./.cache/mozilla/firefox/xwj92s3x.default/safebrowsing
- 1652 ./.cache/mozilla/firefox/xwj92s3x.default/startupCache
- 60 ./.cache/mozilla/firefox/xwj92s3x.default/thumbnails
- 0 ./.cache/mozilla/firefox/xwj92s3x.default/cache2/doomed
- 7792 ./.cache/mozilla/firefox/xwj92s3x.default/cache2/entries
- 7816 ./.cache/mozilla/firefox/xwj92s3x.default/cache2

- 10444 ./.cache/mozilla/firefox/xwj92s3x.default
- 10444 ./.cache/mozilla/firefox
- 10444 ./.cache/mozilla
- 4 ./.cache/logrotate
- 728 ./.cache/wallpaper
- 268 ./.cache/gstreamer-1.0
- 0 ./.cache/evolution/tasks/trash
- 0 ./.cache/evolution/tasks
- 0 ./.cache/evolution/sources/trash
- 0 ./.cache/evolution/sources
- 0 ./.cache/evolution/memos/trash
- 0 ./.cache/evolution/memos
- 0 ./.cache/evolution/mail/trash
- 0 ./.cache/evolution/mail
- 0 ./.cache/evolution/calendar/trash
- 0 ./.cache/evolution/calendar
- 0 ./.cache/evolution/addressbook/trash
- 0 ./.cache/evolution/addressbook
- 0 ./.cache/evolution
- 124 ./.cache/compizconfig-1
- 16 ./.cache/ibus/bus
- 16 ./.cache/ibus
- 76 ./.cache/upstart
- 12736 ./.cache
- 0 ./Videos
- 0 ./Pictures
- 0 ./Music
- 984 ./Documents
- 0 ./Public
- 0 ./Templates
- 0 ./Downloads
- 4 ./.config/eog
- 8 ./.config/evince
- 4 ./.config/gtk-2.0
- 0 ./.config/libreoffice/4/cache
- 36 ./.config/libreoffice/4/user/backup
- 0 ./.config/libreoffice/4/user/autocorr
- 36 ./.config/libreoffice/4/user/psprint
- 0 ./.config/libreoffice/4/user/uno packages/cache/uno packages
- 0 ./.config/libreoffice/4/user/uno_packages/cache/registry/com.sun.star.comp.deployment.bundle. PackageRegistryBackend
- $0 \quad ./. config/libreoffice/4/user/uno_packages/cache/registry/com.sun.star.comp.deployment.sfwk. Package Registry Backend \\$
- $0 \quad ./. config/libreoffice/4/user/uno_packages/cache/registry/com. sun. star. comp. deployment. script. Package Registry Backend$
- 4 ./.config/libreoffice/4/user/uno_packages/cache/registry/com.sun.star.comp.deployment.help.PackageRegistryBackend
- $0 \quad ./. config/libre of fice/4/user/uno_packages/cache/registry/com. sun. star. comp. deployment. executa ble. Package Registry Backend\\$
- $4 \quad ./. config/libreoffice/4/user/uno_packages/cache/registry/com. sun. star. comp. deployment. configuration. Package Registry Backend$

- $0 \quad ./. config/libre of fice/4/user/uno_packages/cache/registry/com. sun. star. comp. deployment. component. Package Registry Backend$
- 8 ./.config/libreoffice/4/user/uno_packages/cache/registry
- 12 ./.config/libreoffice/4/user/uno_packages/cache
- 12 ./.config/libreoffice/4/user/uno_packages
- 8 ./.config/libreoffice/4/user/gallery
- 1012 ./.config/libreoffice/4/user/database/biblio
- 1020 ./.config/libreoffice/4/user/database
- 12 ./.config/libreoffice/4/user/basic/Standard
- 20 ./.config/libreoffice/4/user/basic
- 4 ./.config/libreoffice/4/user/autotext
- 0 ./.config/libreoffice/4/user/extensions/tmp/extensions
- $0 \qquad ./. config/libre of fice/4/user/extensions/tmp/registry/com. sun. star. comp. deployment. bundle. Pack age Registry Backend$
- $0 \quad ./. config/libreoffice/4/user/extensions/tmp/registry/com. sun. star. comp. deployment. sfwk. Package Registry Backend$
- $0 \quad ./. config/libreoffice/4/user/extensions/tmp/registry/com. sun. star. comp. deployment. script. Package Registry Backend$
- $4 \quad ./. config/libreoffice/4/user/extensions/tmp/registry/com. sun. star. comp. deployment. help. Package Registry Backend$
- $0 \quad ./. config/libreoffice/4/user/extensions/tmp/registry/com. sun. star. comp. deployment. executable. Package Registry Backend\\$
- $4 \quad ./. config/libreoffice/4/user/extensions/tmp/registry/com.sun.star.comp.deployment.configuration. PackageRegistryBackend$
- $0 \quad ./. config/libreoffice/4/user/extensions/tmp/registry/com. sun. star. comp. deployment. component. Package Registry Backend\\$
- 8 ./.config/libreoffice/4/user/extensions/tmp/registry
- 8 ./.config/libreoffice/4/user/extensions/tmp
- $0 \quad ./. config/libreoffice/4/user/extensions/bundled/registry/com. sun. star. comp. deployment. bundle. Package Registry Backend$
- $0 \quad ./. config/libre of fice/4/user/extensions/bundled/registry/com. sun. star. comp. deployment. sfwk. Package Registry Backend\\$
- $0 \quad ./. config/libre of fice/4/user/extensions/bundled/registry/com. sun. star. comp. deployment. script. Package Registry Backend$
- $4 \qquad ./. config/libre of fice/4/user/extensions/bundled/registry/com. sun. star. comp. deployment. help. Package Registry Backend$
- $0 \quad ./. config/libre of fice/4/user/extensions/bundled/registry/com. sun. star. comp. deployment. executable. Package Registry Backend$
- 4 ./.config/libreoffice/4/user/extensions/bundled/registry/com.sun.star.comp.deployment.configur ation.PackageRegistryBackend
- $0 \quad ./. config/libre of fice/4/user/extensions/bundled/registry/com. sun. star. comp. deployment. component. Package Registry Backend$
- 8 ./.config/libreoffice/4/user/extensions/bundled/registry
- 12 ./.config/libreoffice/4/user/extensions/bundled
- $0 \qquad ./. config/libre of fice/4/user/extensions/shared/registry/com. sun. star. comp. deployment. bundle. Package Registry Backend$
- $0 \quad ./. config/libreoffice/4/user/extensions/shared/registry/com.sun.star.comp.deployment.sfwk. Package Registry Backend\\$
- $0 \qquad ./. config/libre of fice/4/user/extensions/shared/registry/com. sun. star. comp. deployment. script. Package Registry Backend \\$
- $4 \qquad ./. config/libre of fice/4/user/extensions/shared/registry/com. sun. star. comp. deployment. help. Package Registry Backend$

- $0 \quad ./. config/libre of fice/4/user/extensions/shared/registry/com. sun. star. comp. deployment. executable e. Package Registry Backend$
- $4 \qquad ./. config/libreoffice/4/user/extensions/shared/registry/com. sun. star. comp. deployment. configuration. Package Registry Backend$
- $0 \quad ./. config/libreoffice/4/user/extensions/shared/registry/com.sun.star.comp.deployment.componen \\ t. Package Registry Backend$
- 8 ./.config/libreoffice/4/user/extensions/shared/registry
- 12 ./.config/libreoffice/4/user/extensions/shared
- 36 ./.config/libreoffice/4/user/extensions
- 0 ./.config/libreoffice/4/user/config/soffice.cfg/modules/swriter/images/Bitmaps
- 0 ./.config/libreoffice/4/user/config/soffice.cfg/modules/swriter/images
- 0 ./.config/libreoffice/4/user/config/soffice.cfg/modules/swriter/statusbar
- 0 ./.config/libreoffice/4/user/config/soffice.cfg/modules/swriter/toolbar
- 0 ./.config/libreoffice/4/user/config/soffice.cfg/modules/swriter/popupmenu
- $0 \qquad \hbox{./.} config/libre of fice/4/user/config/soffice.cfg/modules/swriter/menubar}$
- 0 ./.config/libreoffice/4/user/config/soffice.cfg/modules/swriter
- 0 ./.config/libreoffice/4/user/config/soffice.cfg/modules
- 0 ./.config/libreoffice/4/user/config/soffice.cfg
- 52 ./.config/libreoffice/4/user/config
- 1492 ./.config/libreoffice/4/user
- 1496 ./.config/libreoffice/4
- 1496 ./.config/libreoffice
- 4 ./.config/gedit
- 0 ./.config/update-notifier
- 0 ./.config/unity
- 16 ./.config/nautilus
- 4 ./.config/gtk-3.0
- 48 ./.config/pulse
- 4 ./.config/evolution/sources
- 4 ./.config/evolution
- 12 ./.config/libaccounts-glib
- 0 ./.config/gnome-session/saved-session
- 0 ./.config/gnome-session
- 4 ./.config/compiz-1/compizconfig
- 4 ./.config/compiz-1
- 4 ./.config/ibus/bus
- 4 ./.config/ibus
- 16 ./.config/dconf
- 0 ./.config/upstart
- 0 ./.config/ubuntu-system-settings
- 1632 ./.config
- 6116 ./Desktop/prak so2019-master (2)
- 3348 ./Desktop/prak_so2019-master
- 17468 ./Desktop
- 46896

ubuntu@ubuntu:~\$ ls -l /home

total 0

drwxr-xr-x 17 ubuntu ubuntu 520 Dec 28 04:28 ubuntu

ubuntu@ubuntu:~\$