

Challange POSA

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Efrizal

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Modul 1

1. Perintah merubah dari user biasa menjadi user root




```
root@Efrizal: /home/efrizal
efrizal@Efrizal:~$ sudo su
[sudo] password for efrizal:
root@Efrizal: /home/efrizal#
```

2. Perintah megubah password user fikri



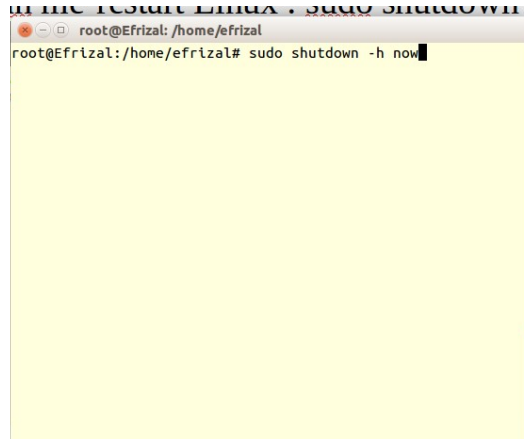
```
root@Efrizal: /home/efrizal# sudo useradd fikri
root@Efrizal: /home/efrizal# sudo passwd fikri
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
root@Efrizal: /home/efrizal#
```

3. Perintah merestart Linux



```
root@Efrizal: /home/efrizal# shutdown -r now
```

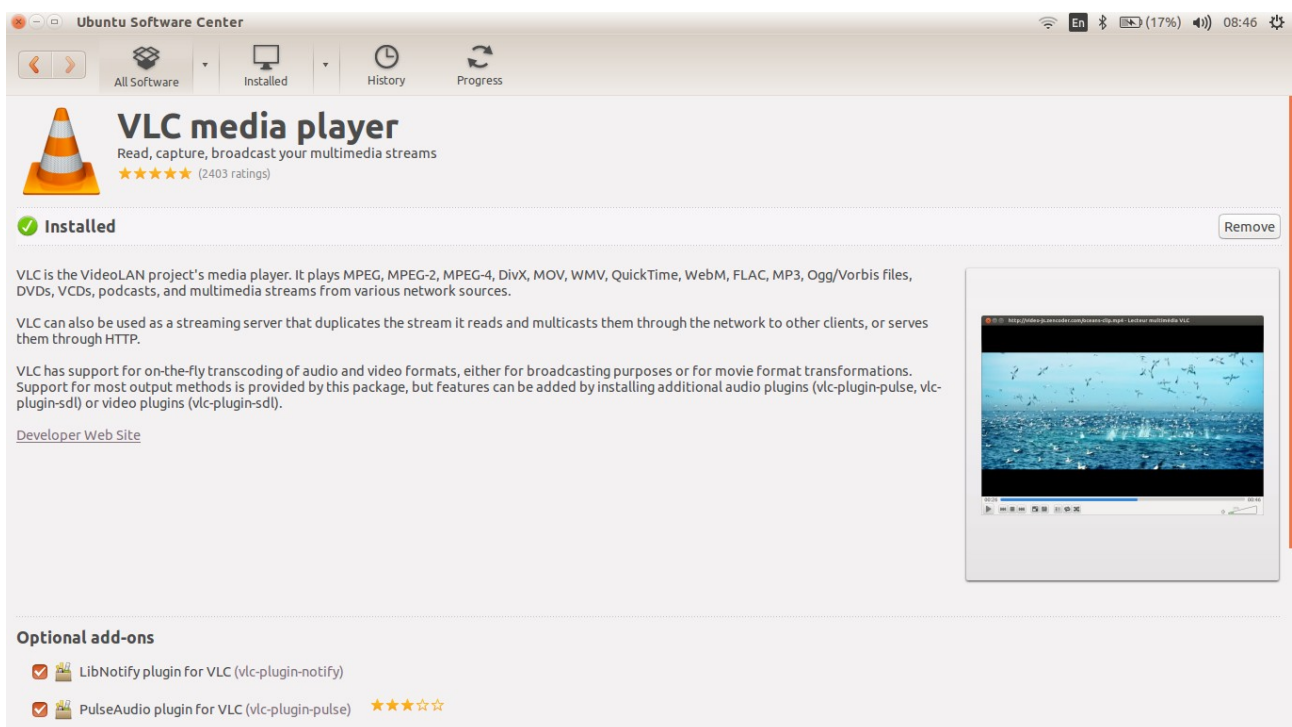
4. Perintah mematikan Linux



Modul 2

1. Langkah – langkah menginstall VLC melalui ubuntu software center

- Buka Ubuntu software center
- Ketikkan nama software yang anda cari di pojok kanan atas
- klik software yang anda cari
- klik install

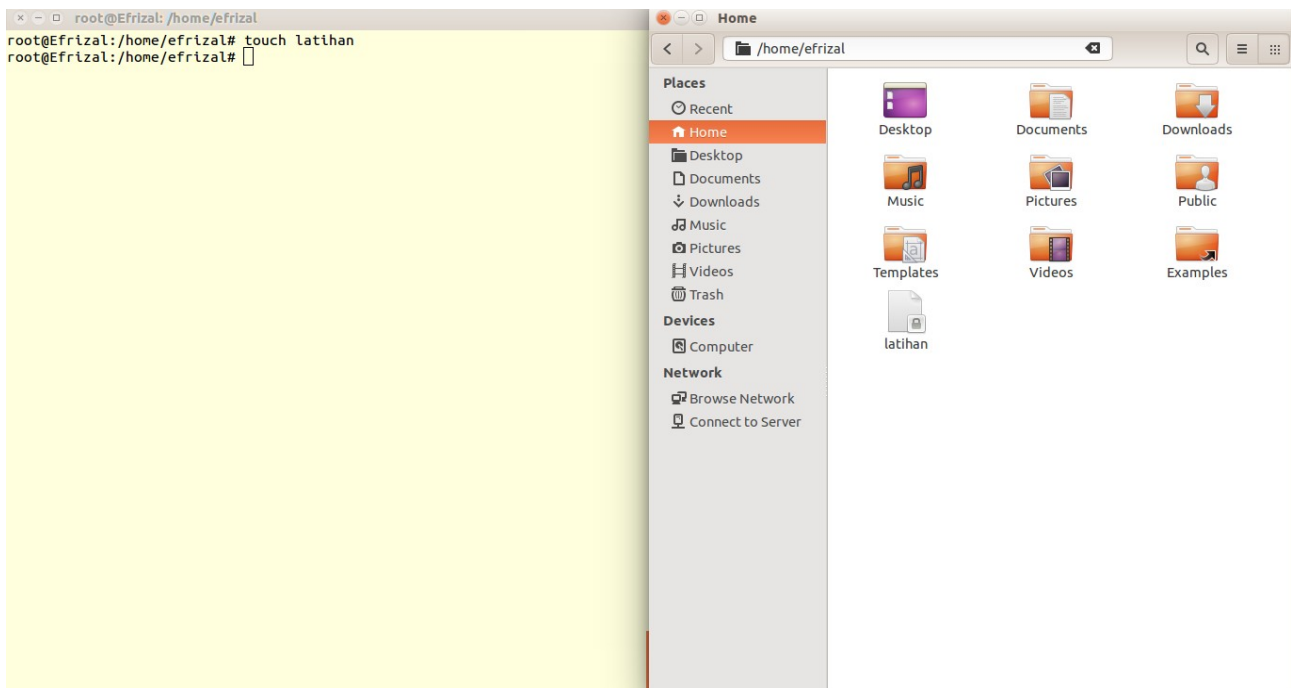


Modul 4

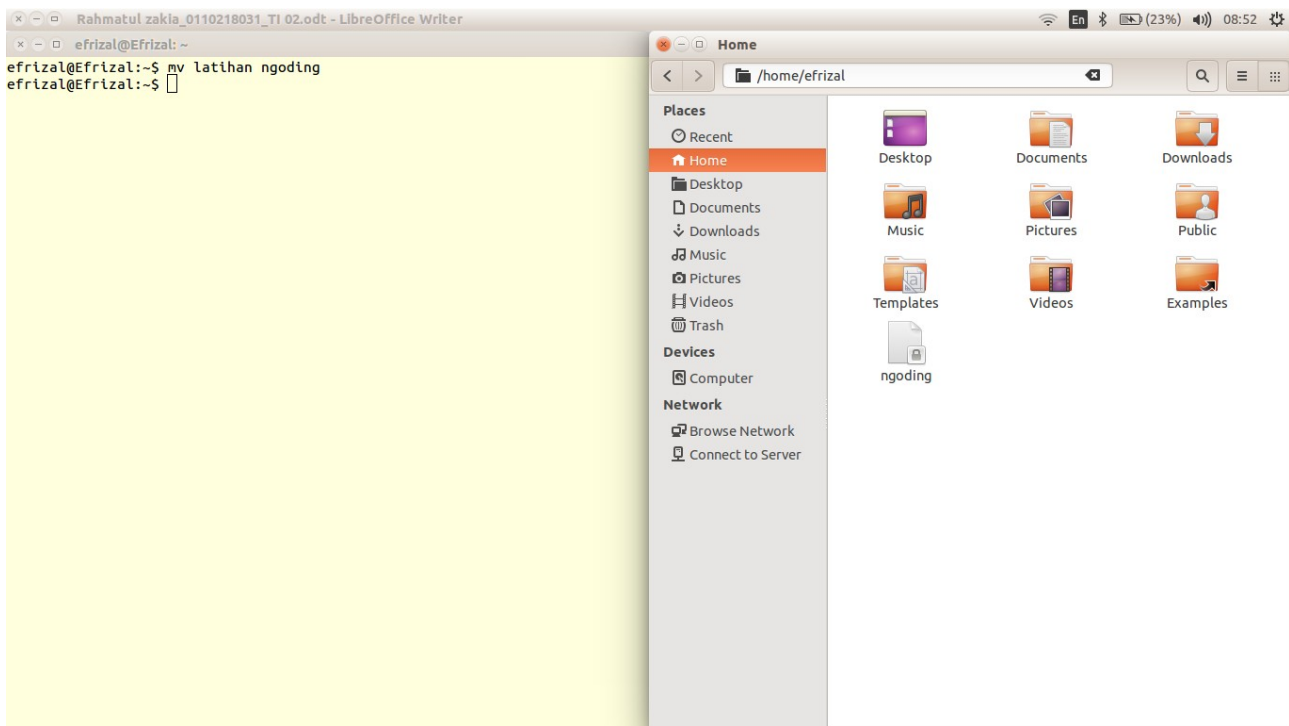
1. Perintah melihat isi direktori /etc

```
root@Efrizal: /home/efrizal# ls -l /etc/
total 1200
drwxr-xr-x 3 root root 4096 Apr 17 2014 acpi
-rw-r--r-- 1 root root 2981 Apr 17 2014 adduser.conf
drwxr-xr-x 2 root root 4096 Des 3 11:57 alternatives
-rw-r--r-- 1 root root 401 Feb 20 2014 anacrontab
-rw-r--r-- 1 root root 112 Jan 10 2014 apg.conf
drwxr-xr-x 6 root root 4096 Apr 17 2014 apm
drwxr-xr-x 3 root root 4096 Des 1 17:56 apparmor
drwxr-xr-x 9 root root 4096 Des 14 09:24 apparmor.d
drwxr-xr-x 5 root root 4096 Des 1 17:52 appport
drwxr-xr-x 6 root root 4096 Des 1 18:29 apt
drwxr-xr-x 3 root root 4096 Apr 17 2014 aptdaemon
drwxr-xr-x 2 root root 4096 Apr 17 2014 at-spi2
drwxr-xr-x 3 root root 4096 Des 1 18:02 avahi
-rw-r--r-- 1 root root 2177 Apr 9 2014 bash.bashrc
-rw-r--r-- 1 root root 45 Mar 23 2014 bash_completion
drwxr-xr-x 2 root root 4096 Des 9 09:32 bash_completion
.d
-rw-r--r-- 1 root root 356 Jan 2 2012 bindresvport.bl
acklist
-rw-r--r-- 1 root root 321 Apr 16 2014 blkid.conf
```

2. Perintah membuat file bernama latihan

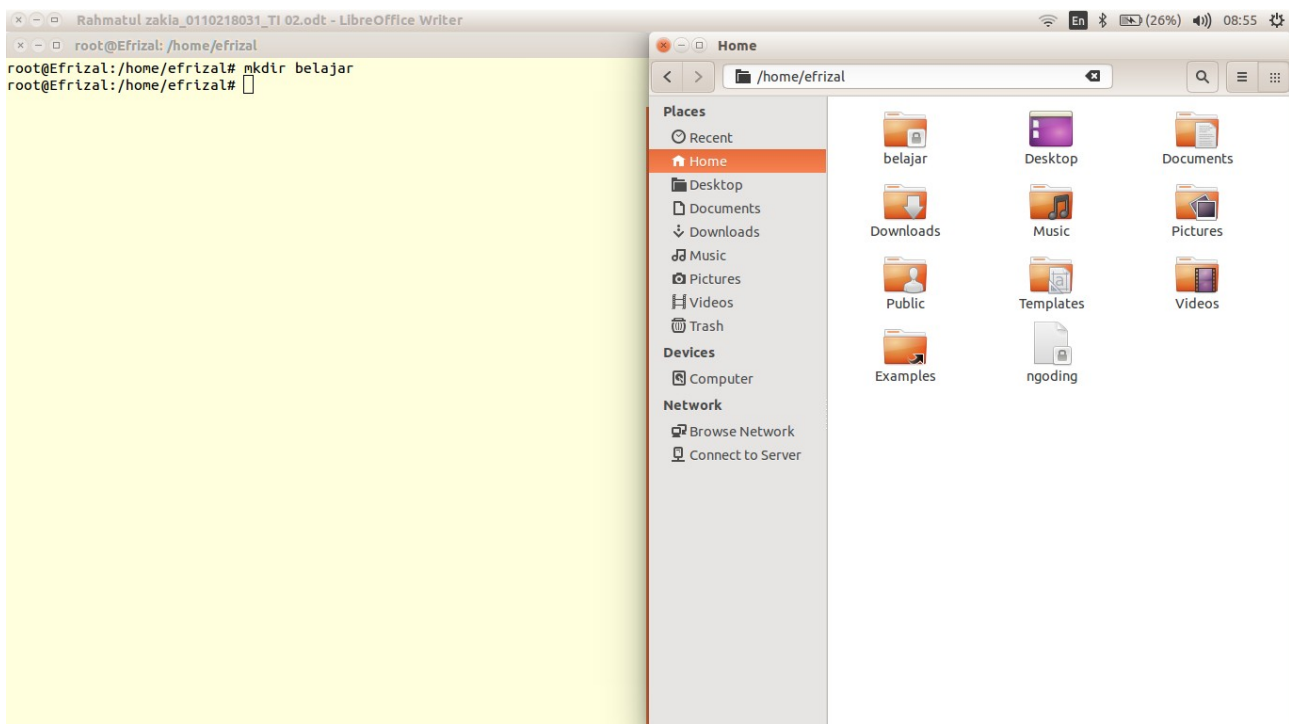


3. Perintah mengubah nama file latihan menjadi ngoding



Modul 5

1. Membuat direktori bernama belajar



2. Perintah menghapus file bernama latihan

```
root@Efrizal: /home/efrizal
efrizal@Efrizal:~$ sudo su
[sudo] password for efrizal:
root@Efrizal:/home/efrizal# touch latihan
root@Efrizal:/home/efrizal# ls
belajar  Documents  examples.desktop  Music  Pictures  Templates
Desktop  Downloads  latihan            ngoding  Public  Videos
root@Efrizal:/home/efrizal# rm latihan
root@Efrizal:/home/efrizal# ls
belajar  Documents  examples.desktop  ngoding  Public  Videos
Desktop  Downloads  Music            Pictures  Templates
root@Efrizal:/home/efrizal#
```

3. Perintah pindah ke direktori /var/lib

```
efrizal@Efrizal: /var/lib
efrizal@Efrizal:~$ cd /var/lib/
efrizal@Efrizal:/var/lib$ pwd
/var/lib
efrizal@Efrizal:/var/lib$
```

4. Cek posisi direktori sekarang

```
efrizal@Efrizal: /var/lib
efrizal@Efrizal:/var/lib$ pwd
/var/lib
efrizal@Efrizal:/var/lib$
```

Modul 6

1. Mengubah izin akses file latihan menjadi rw-r--

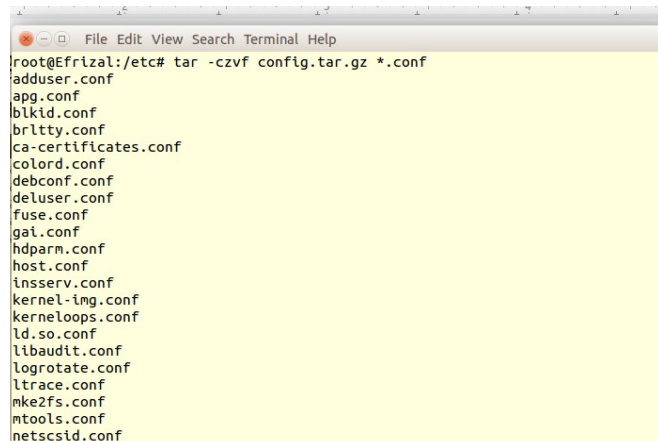
```
root@Efrizal: /  
root@Efrizal: /# chmod 644 latihan  
root@Efrizal: /# ls -l latihan  
-rw-r--r-- 1 fikri root 0 Jan 11 09:10 latihan  
root@Efrizal: /#
```

2. Mengubah pemilik file latihan menjadi rifki

```
root@Efrizal: /# sudo chown fikri latihan  
root@Efrizal: /# ls -l  
total 92  
drwxr-xr-x  2 root  root  4096 Des 29 16:49 bin  
drwxr-xr-x  3 root  root  4096 Des 29 16:51 boot  
drwxrwxr-x  2 root  root  4096 Des  1 16:38 cdrom  
drwxr-xr-x 16 root  root  4080 Jan  1 20:13 dev  
drwxr-xr-x 136 root  root 12288 Jan 11 09:00 etc  
drwxr-xr-x  3 root  root  4096 Jan  4 09:30 home  
lrwxrwxrwx  1 root  root    34 Des 29 16:49 initrd.img -> boot/initrd.img-3.13.  
0-164-generic  
lrwxrwxrwx  1 root  root    34 Des 14 09:23 initrd.img.old -> boot/initrd.img-3  
.13.0-163-generic  
-rw-r--r--  1 fikri root    0 Jan 11 09:10 latihan  
drwxr-xr-x 23 root  root  4096 Des  1 17:26 lib  
drwx----- 2 root  root 16384 Des  1 16:25 lost+found  
drwxr-xr-x  3 root  root  4096 Des  5 09:22 media  
drwxr-xr-x  2 root  root  4096 Apr 11 20:14 mnt  
drwxr-xr-x  3 root  root  4096 Des  1 18:29 opt  
dr-xr-xr-x 187 root  root    0 Jan  1 20:13 proc  
drwx-----  3 root  root  4096 Jan  1 09:06 root  
drwxr-xr-x 24 root  root   800 Jan 11 08:52 run  
drwxr-xr-x  2 root  root 12288 Des 29 16:48/sbin  
drwxr-xr-x  2 root  root  4096 Apr 17 20:14 sru
```

Modul 7

1. Perintah mengarsip dan meng-kompresi seluruh file .conf di /etc/ dengan tar dan gzip secara bersamaan



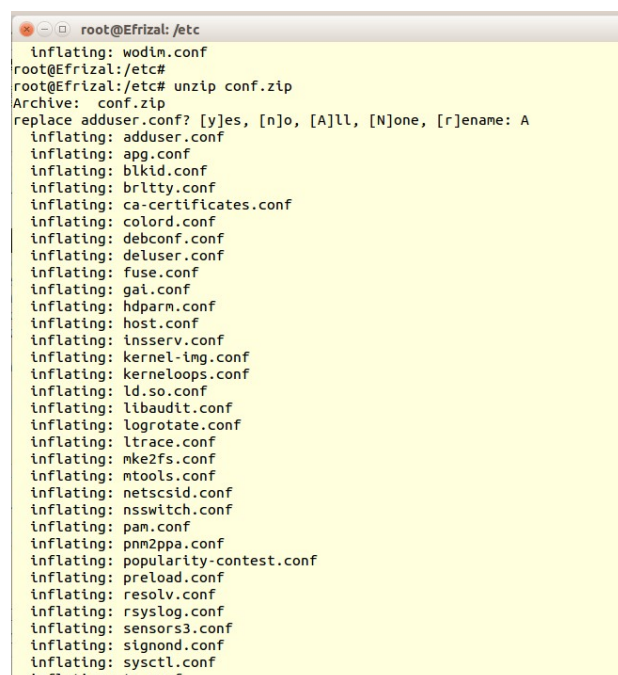
```
root@Efrizal:/etc# tar -czvf config.tar.gz *.conf
adduser.conf
apg.conf
blkid.conf
brltty.conf
ca-certificates.conf
colord.conf
debconf.conf
deluser.conf
fuse.conf
gal.conf
hdparm.conf
host.conf
insserv.conf
kernel-img.conf
kerneloops.conf
ld.so.conf
libaudit.conf
logrotate.conf
ltrace.conf
mke2fs.conf
mtools.conf
netcsid.conf
```

2. Perintah mengarsip dan meng-kompresi seluruh file .conf di /etc dengan zip



```
root@Efrizal:/etc# zip conf *.conf
adding: adduser.conf (deflated 55%)
adding: apg.conf (deflated 9%)
adding: blkid.conf (deflated 26%)
adding: brltty.conf (deflated 71%)
adding: ca-certificates.conf (deflated 76%)
adding: colord.conf (deflated 50%)
adding: debconf.conf (deflated 56%)
adding: deluser.conf (deflated 40%)
adding: fuse.conf (deflated 35%)
adding: gal.conf (deflated 57%)
adding: hdparm.conf (deflated 57%)
adding: host.conf (deflated 13%)
adding: insserv.conf (deflated 46%)
adding: kernel-img.conf (deflated 10%)
adding: kerneloops.conf (deflated 51%)
adding: ld.so.conf (deflated 6%)
adding: libaudit.conf (deflated 34%)
adding: logrotate.conf (deflated 50%)
adding: ltrace.conf (deflated 72%)
adding: mke2fs.conf (deflated 61%)
adding: mtools.conf (deflated 52%)
adding: netcsid.conf (deflated 52%)
adding: nsswitch.conf (deflated 44%)
```

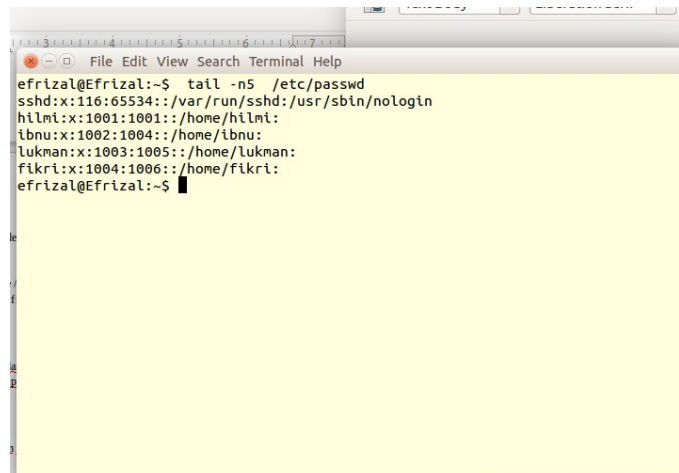
3. Perintah mengekstrak file zip yang sudah dikompresi di atas



```
root@Efrizal:/etc# unzip conf.zip
Archive:  conf.zip
replace adduser.conf? [y]es, [n]o, [A]ll, [N]one, [r]ename: A
inflating: adduser.conf
inflating: apg.conf
inflating: blkid.conf
inflating: brltty.conf
inflating: ca-certificates.conf
inflating: colord.conf
inflating: debconf.conf
inflating: deluser.conf
inflating: fuse.conf
inflating: gal.conf
inflating: hdparm.conf
inflating: host.conf
inflating: insserv.conf
inflating: kernel-img.conf
inflating: kerneloops.conf
inflating: ld.so.conf
inflating: libaudit.conf
inflating: logrotate.conf
inflating: ltrace.conf
inflating: mke2fs.conf
inflating: mtools.conf
inflating: netcsid.conf
inflating: nsswitch.conf
inflating: pam.conf
inflating: pnm2ppa.conf
inflating: popularity-contest.conf
inflating: preload.conf
inflating: resolv.conf
inflating: rsyslog.conf
inflating: sensors3.conf
inflating: signond.conf
inflating: sysctl.conf
inflating: tc.conf
```



Modul 8

1. Menampilkan bagian akhir file /etc/passwd



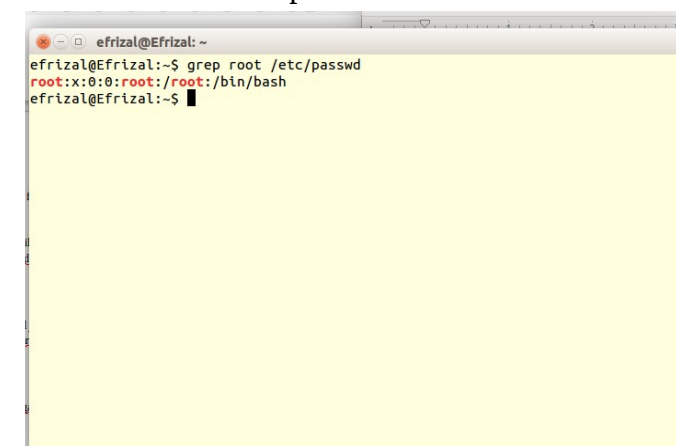
```
efrizal@Efrizal:~$ tail -n5 /etc/passwd
sshd:x:116:65534:./var/run/sshd:/usr/sbin/nologin
hilmi:x:1001:1001:./home/hilmi:
ibnu:x:1002:1004:./home/ibnu:
lukman:x:1003:1005:./home/lukman:
fikri:x:1004:1006:./home/fikri:
efrizal@Efrizal:~$
```

2. Perintah menghitung kata file /etc/passwd



```
efrizal@Efrizal:~$ wc /etc/passwd
 40  62 2051 /etc/passwd
efrizal@Efrizal:~$
```

3. Perintah mencari kata root di file /etc/passwd



```
efrizal@Efrizal:~$ grep root /etc/passwd
root:x:0:0:root:/root:/bin/bash
efrizal@Efrizal:~$
```

Modul 9

1. Tampilkan halaman manual dari perintah cp

```
root@Efrizal: /home/efrizal
CP(1) User Commands CP(1)

NAME
cp - copy files and directories

SYNOPSIS
cp [OPTION]... [-T] SOURCE DEST
cp [OPTION]... SOURCE... DIRECTORY
cp [OPTION]... -t DIRECTORY SOURCE...

DESCRIPTION
Copy SOURCE to DEST, or multiple SOURCE(s) to DIRECTORY.

Mandatory arguments to long options are mandatory for short options too.

-a, --archive
    same as -dR --preserve=all

--attributes-only
    don't copy the file data, just the attributes

--backup[=CONTROL]
```

2. Tampilkan halaman info dari perintah date

```
root@Efrizal: /home/efrizal
file: coreutils.info, Node: date invocation, Next: arch invocation, Up: System context

21.1 'date': Print or set system date and time
=====
n Synopses:

    date [OPTION]... [+FORMAT]
    date [-u|--utc--universal] [ MMDDhhmm[[CC]YY][.ss] ]

Invoking 'date' with no FORMAT argument is equivalent to invoking it
with a default format that depends on the 'LC_TIME' locale category.
In the default C locale, this format is '+%a %b %e %H:%M:%S %Z %Y',
so the output looks like 'Thu Mar 3 13:47:51 PST 2005'.

Normally, 'date' uses the time zone rules indicated by the 'TZ'
environment variable, or the system default rules if 'TZ' is not set.
*Note Specifying the Time Zone with 'TZ': (libc)TZ Variable.

If given an argument that starts with a '+', 'date' prints the
current date and time (or the date and time specified by the '--date'
--zz-Info: (coreutils.info.gz)date invocation, 41 lines --Top-----
Welcome to Info version 5.2. Type h for help. m for menu item.
```

Modul 10

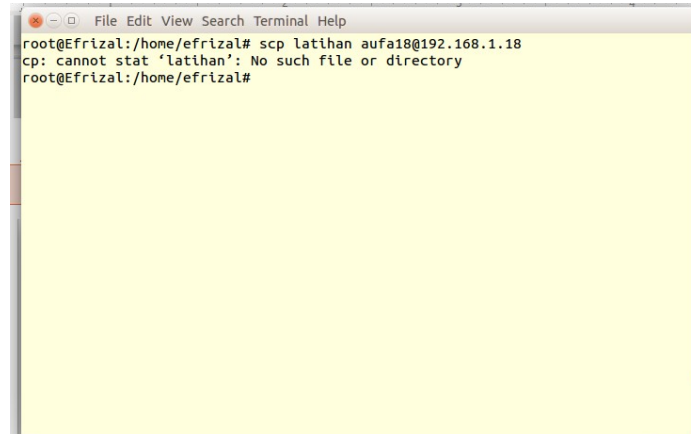
Terdapat sebuah sistem Linux dengan ip dan username sebagai berikut:

- IP: 192.168.1.18
- username: aufa18

1. Jalankan Perintah meremote komputer aufa

```
root@Efrizal: /home/efrizal
root@Efrizal:/home/efrizal# ssh aufa18@192.168.1.18
ssh: connect to host 192.168.1.18 port 22: No route to host
root@Efrizal:/home/efrizal#
```

2. Jalankan Perintah mengcopy file latihan ke komputer aufa

A terminal window with a yellow background and a menu bar (File, Edit, View, Search, Terminal, Help). The prompt is root@Efrizal:/home/efrizal#. The command scp latihan aufa18@192.168.1.18 is entered. The output is cp: cannot stat 'latihan': No such file or directory. The prompt returns to root@Efrizal:/home/efrizal#.

```
root@Efrizal:/home/efrizal# scp latihan aufa18@192.168.1.18
cp: cannot stat 'latihan': No such file or directory
root@Efrizal:/home/efrizal#
```