Admin 2

Lab 1

1. Use systemctl to view the status of all the system services.

Sudo systemctl

```
The field Vew Such Terminal Holp

INT.

IARDA CITYS SUR DESCRIPTION

INT.

IARDA CITY SUR DESCRIPTION

IARDA CITY SUR DESCRIPTION
```

2. Change the default run level back to multi-user.target and reboot. Sudo systematl set-default multi-user.target

Sudo systemctl set-default reboot.target

3. Send mail to the root user. Mailx root < email.txt

```
maiyasser@localhost:~
<u>F</u>ile <u>E</u>dit <u>V</u>iew <u>S</u>earch <u>T</u>erminal <u>H</u>elp
Dec 07 14:47:36 localhost.localdomain restorecon[64737]: /usr/sbin/restorecon:
Dec 07 14:47:37 localhost.localdomain sendmail[64749]: alias database /etc/alia
Dec 07 14:47:37 localhost.localdomain aliasesdb[64746]: /etc/aliases: 77 aliase>
Dec 07 14:47:37 localhost.localdomain sendmail[64749]: /etc/aliases: 77 aliases>
Dec 07 14:47:37 localhost.localdomain postfix/master[64822]: daemon started -->
Dec 07 14:47:37 localhost.localdomain systemd[1]: Started Postfix Mail Transpor>
[maiyasser@localhost ~]$ ls
                                                                                          test
                                                                             Public
             email.txt fileusernames
[maiyasser@localhost ~]$ mailx root < email.txt</pre>
[maiyasser@localhost ~]$ sudo cat /var/mail/root
[sudo] password for maiyasser:
Sorry, try again.
[sudo] password for maiyasser:
[sudo] password for maiyasser:
Sorry, try again.
[sudo] password for maiyasser:
cat: /var/mail/root: No such file or directory
You have new mail in /var/spool/mail/maiyasser
[maiyasser@localhost ~]$ echo $XDG CURRENT DESKTOP
GNOME
[maiyasser@localhost ~]$
```

4. Verify that you have received this mail.

Sudo cat /var/mail/root

```
maiyasser@localhost:~
File Edit View Search Terminal Help
Dec 07 14:47:36 localhost.localdomain restorecon[64737]: /usr/sbin/restorecon: >
Dec 07 14:47:37 localhost.localdomain sendmail[64749]: alias database /etc/alia>
Dec 07 14:47:37 localhost.localdomain aliasesdb[64746]: /etc/aliases: 77 aliase>
Dec 07 14:47:37 localhost.localdomain sendmail[64749]: /etc/aliases: 77 aliases>
Dec 07 14:47:37 localhost.localdomain postfix/master[64822]: daemon started --
Dec 07 14:47:37 localhost.localdomain systemd[1]: Started Postfix Mail Transpor>
[maiyasser@localhost ~]$ ls
                                                                            test
           email.txt fileusernames lab3
[maiyasser@localhost ~]$ mailx root < email.txt</pre>
[maiyasser@localhost ~]$ sudo cat /var/mail/root
[sudo] password for maiyasser:
Sorry, try again.
[sudo] password for maiyasser:
[sudo] password for maiyasser:
Sorry, try again.
[sudo] password for maiyasser:
cat: /var/mail/root: No such file or directory
You have new mail in /var/spool/mail/maiyasser
[maiyasser@localhost ~]$ echo $XDG_CURRENT_DESKTOP
GNOME
[maiyasser@localhost ~]$
```

5. Use systemctl utility to stop postfix service

```
File Edit View Search Terminal Help

[maiyasser@192 ~]$ systemctl stop postfix
[maiyasser@192 ~]$ 

The entire of the entire of
```

6. Send mail again to the root user.

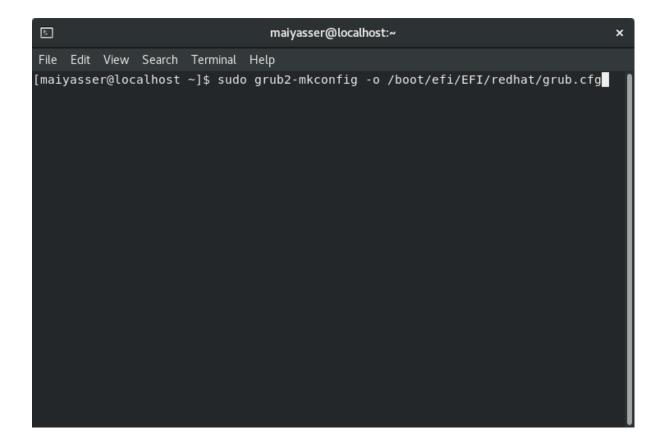
```
E
                                      maiyasser@localhost:~
<u>File Edit View Search Terminal Help</u>
Dec 07 14:47:36 localhost.localdomain restorecon[64737]: /usr/sbin/restorecon: >
Dec 07 14:47:37 localhost.localdomain sendmail[64749]: alias database /etc/alia>
Dec 07 14:47:37 localhost.localdomain aliasesdb[64746]: /etc/aliases: 77 aliase>
Dec 07 14:47:37 localhost.localdomain sendmail[64749]: /etc/aliases: 77 aliases>
Dec 07 14:47:37 localhost.localdomain postfix/master[64822]: daemon started --
Dec 07 14:47:37 localhost.localdomain systemd[1]: Started Postfix Mail Transpor>
[maiyasser@localhost ~]$ ls
                                                                             test
                                                                             test1
           email.txt fileusernames
[maiyasser@localhost ~]$ mailx root < email.txt</pre>
[maiyasser@localhost ~]$ sudo cat /var/mail/root
[sudo] password for maiyasser:
Sorry, try again.
[sudo] password for maiyasser:
[sudo] password for maiyasser:
Sorry, try again.
[sudo] password for maiyasser:
cat: /var/mail/root: No such file or directory
You have new mail in /var/spool/mail/maiyasser
[maiyasser@localhost ~]$ echo $XDG_CURRENT_DESKTOP
GNOMÉ
[maiyasser@localhost ~]$
```

- 7. Verify that you have received this mail.
- 8. Use systemctl utility to start postfix service Systemctl start postfix

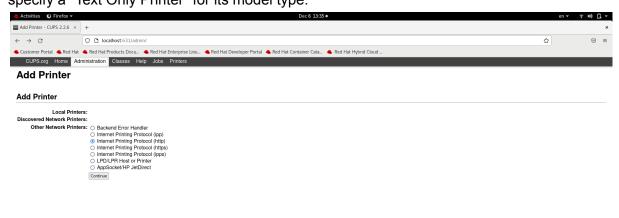
9. Verify that you have received this mail.

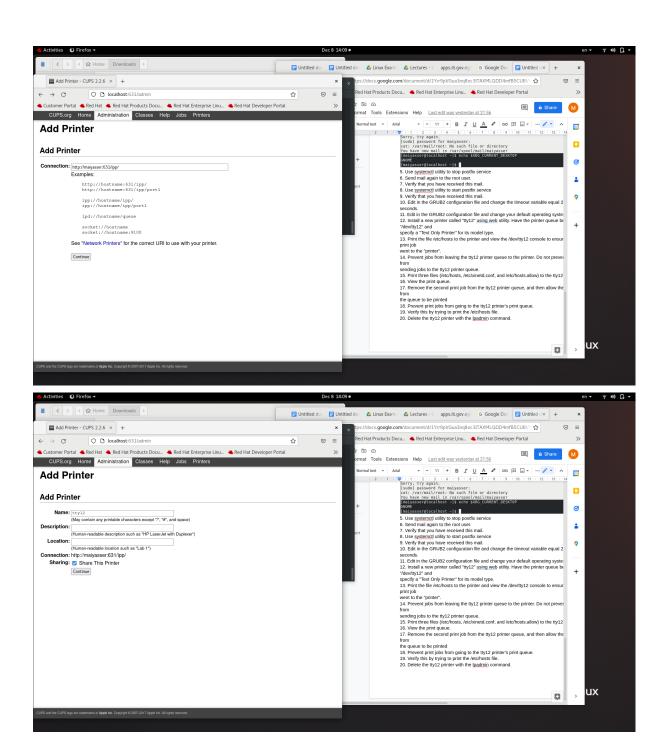
```
maiyasser@localhost:~
                                                                                  ×
File Edit View Search Terminal Help
Dec 07 14:47:36 localhost.localdomain restorecon[64737]: /usr/sbin/restorecon: >
Dec 07 14:47:37 localhost.localdomain sendmail[64749]: alias <u>database /etc/alia</u>>
Dec 07 14:47:37 localhost.localdomain aliasesdb[64746]: /etc/aliases: 77 aliase>
Dec 07 14:47:37 localhost.localdomain sendmail[64749]: /etc/aliases: 77 aliases>
Dec 07 14:47:37 localhost.localdomain postfix/master[64822]: daemon started --
Dec 07 14:47:37 localhost.localdomain systemd[1]: Started Postfix Mail Transpor>
[maiyasser@localhost ~]$ ls
                                                                      test
          email.txt fileusernames lab3
[maiyasser@localhost ~]$ mailx root < email.txt</pre>
[maiyasser@localhost ~]$ sudo cat /var/mail/root
[sudo] password for maiyasser:
Sorry, try again.
[sudo] password for maiyasser:
[sudo] password for maiyasser:
Sorry, try again.
[sudo] password for maiyasser:
cat: /var/mail/root: No such file or directory
You have new mail in /var/spool/mail/maiyasser
[maiyasser@localhost ~]$ echo $XDG_CURRENT_DESKTOP
GNOME
[maiyasser@localhost ~]$
```

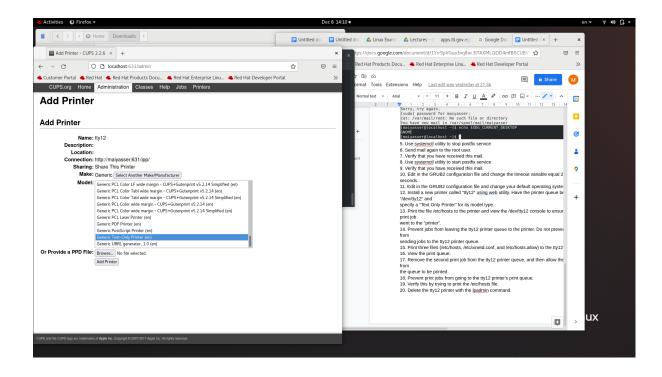
10. Edit in the GRUB2 configuration file and change the timeout variable equal 20 Seconds.



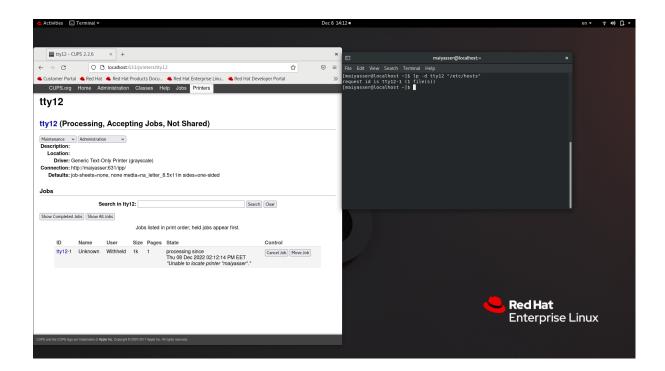
- //11. Edit in the GRUB2 configuration file and change your default operating system
- 12. Install a new printer called "tty12" using web utility. Have the printer queue be "/dev/tty12" and specify a "Text Only Printer" for its model type.







13. Print the file /etc/hosts to the printer and view the /dev/tty12 console to ensure that the print job went to the "printer".



14. Prevent jobs from leaving the tty12 printer queue to the printer. Do not prevent users from

sending jobs to the tty12 printer queue.

- -cupsdisable
- 15. Print three files (/etc/hosts, /etc/xinetd.conf, and /etc/hosts.allow) to the tty12 printer

```
File Edit View Search Terminal Help

[maiyasser@localhost ~]$ lp -d tty12 "/etc/hosts"
request id is tty12-2 (1 file(s))

[maiyasser@localhost ~]$ lp -d tty12 "etc/xinetd.conf"
lp: Error - unable to access "etc/xinetd.conf" - No such file or directory
[maiyasser@localhost ~]$ lp -d tty12 "/etc/hosts.allow"
lp: Error - unable to access "/etc/hosts.allow" - No such file or directory
[maiyasser@localhost ~]$ 

[maiyasser@localhost ~]$
```

16. View the print queue.

```
File Edit View Search Terminal Help

[maiyasser@localhost ~]$ lpq -a
Rank Owner Job File(s) Total Size
active maiyass 1 hosts 1024 bytes
1st maiyass 2 hosts 1024 bytes

[maiyasser@localhost ~]$ 

[maiyasser@localhost ~]$
```

17. Remove the second print job from the tty12 printer queue, and then allow the print jobs from

the queue to be printed

```
maiyasser@localhost:~ ×

File Edit View Search Terminal Help

[maiyasser@localhost ~]$ lprm 2

[maiyasser@localhost ~]$ lpq -a

Rank Owner Job File(s) Total Size

active maiyass 1 hosts 1024 bytes

[maiyasser@localhost ~]$ |
```

18. Prevent print jobs from going to the tty12 printer's print queue.

```
maiyasser@localhost:~ ×

File Edit View Search Terminal Help

[maiyasser@localhost ~]$ cupsreject tty12

[maiyasser@localhost ~]$ lp -d tty12 "/etc/hosts"

lp: Destination "tty12" is not accepting jobs.

[maiyasser@localhost ~]$ 

[maiya
```

19. Verify this by trying to print the /etc/hosts file.

```
maiyasser@localhost:~ ×

File Edit View Search Terminal Help

[maiyasser@localhost ~]$ cupsreject tty12

[maiyasser@localhost ~]$ lp -d tty12 "/etc/hosts"

lp: Destination "tty12" is not accepting jobs.

[maiyasser@localhost ~]$ 

[maiya
```

20. Delete the tty12 printer with the lpadmin command.

```
File Edit View Search Terminal Help

[maiyasser@localhost ~]$ lpadmin -p tty12 -c class1

[maiyasser@localhost ~]$ lpadmin -p tty12 -r class1

[maiyasser@localhost ~]$ lpstat -c class1

lpstat: Invalid destination name in list "class1".

[maiyasser@localhost ~]$

[maiyasser@localhost ~]$
```