

**Assignment 1 Set A**

**Couse Code : CAP454**

**Date of Submission : 09/29/2021**

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**Roll no. : B56**

**Section : D2112**

**Group : 2**

**Registration no. : 12107974**

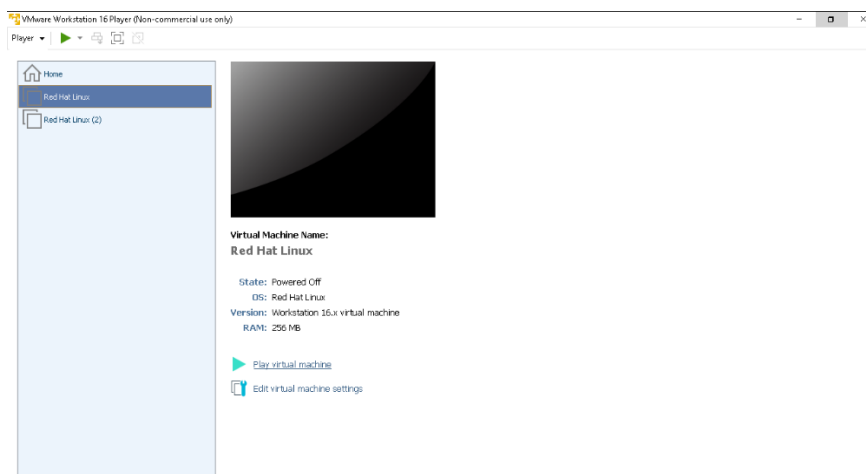
**Ques 1:- Create a video for changing root password and upload it on google drive. Write the steps for the same in a file and upload file on LPUOMS. Also include the google drive link in this file.**

Ans:-The link of video is given below :-

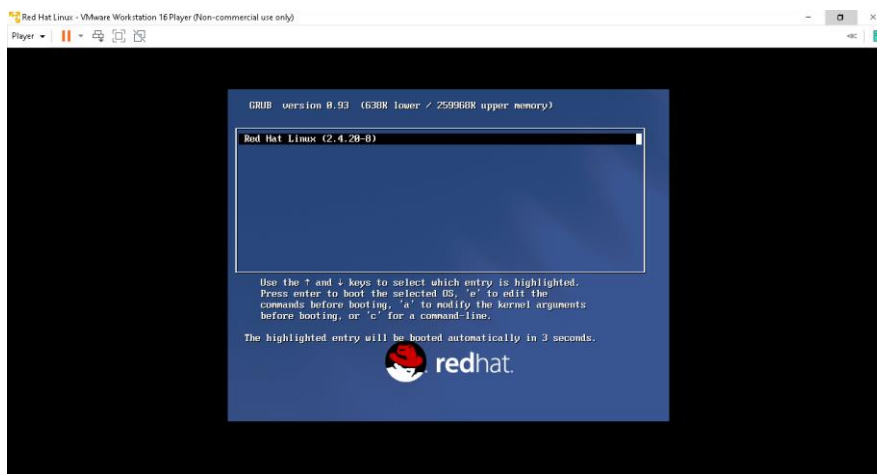
[https://drive.google.com/file/d/15YcWlwo1g0D4l4\\_ommip1E5NWvrAtMAM/view?usp=sharing](https://drive.google.com/file/d/15YcWlwo1g0D4l4_ommip1E5NWvrAtMAM/view?usp=sharing)

The steps to change the root password are given below :-

- 1.Open VMWare Workstation ,click on Red Hat Linux.
- 2.Click on Play on virtual machine.

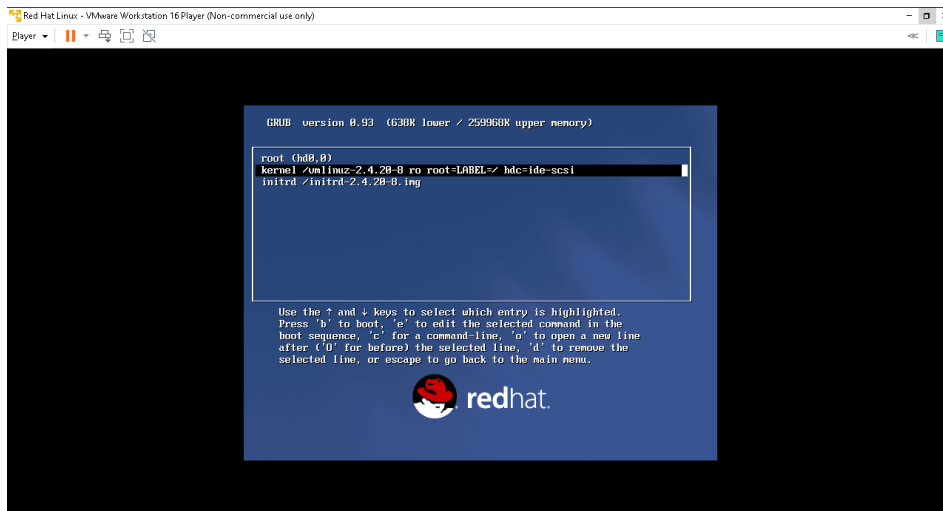


3.After this , the following screen is displayed.



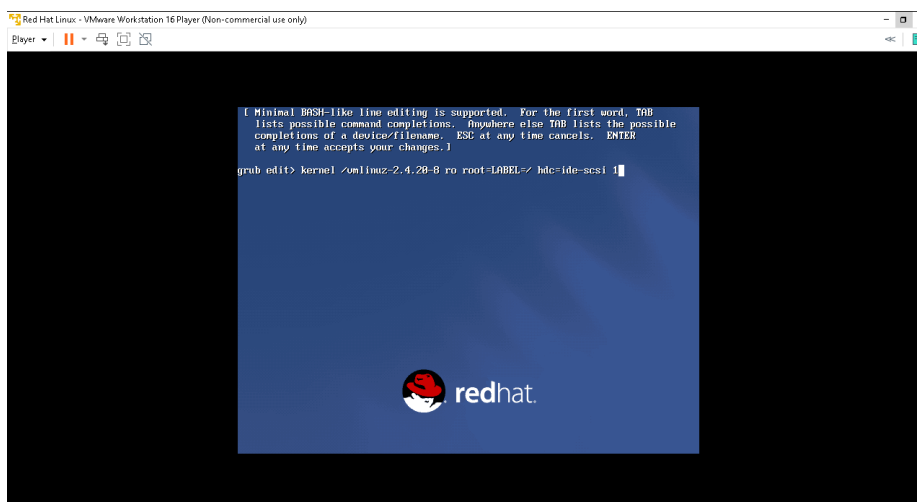
4.Now immediately press ctrl + g and then e otherwise it will ask you your username.

5.After doing this, the following screen appears.

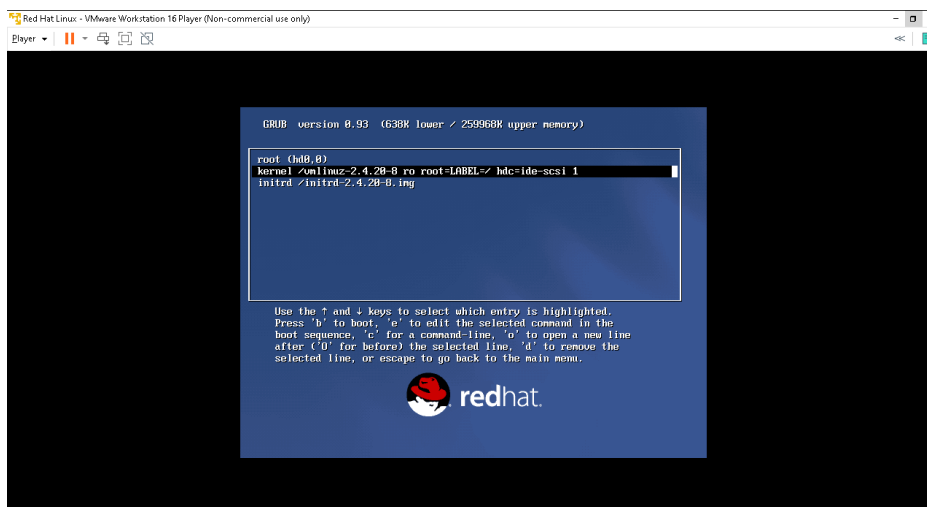


6. Now choose second option by using the arrow key and press e.

7. The following screen is displayed. Put space and type 1 after scsi. Press enter.

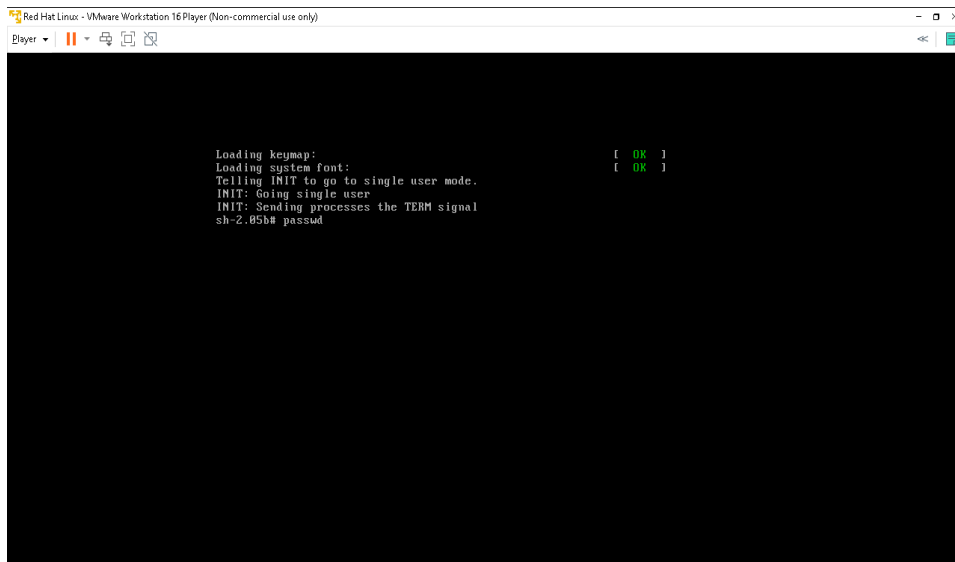


8. After Enter, the following screen is displayed.



9. Now press b. b is for boot.

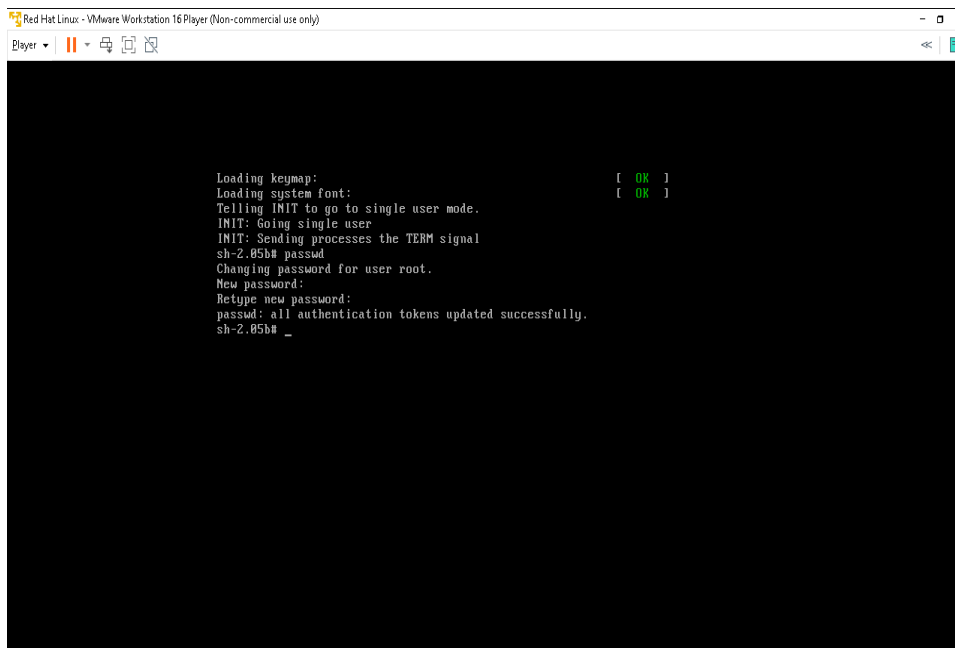
10. After this, the following screen appeared and type command passwd.



```
Red Hat Linux - VMware Workstation 16 Player (Non-commercial use only)
Player
Loading keymap: [ OK ]
Loading system font: [ OK ]
Telling INIT to go to single user mode.
INIT: Going single user
INIT: Sending processes the TERM signal
sh-2.05b# passwd
```

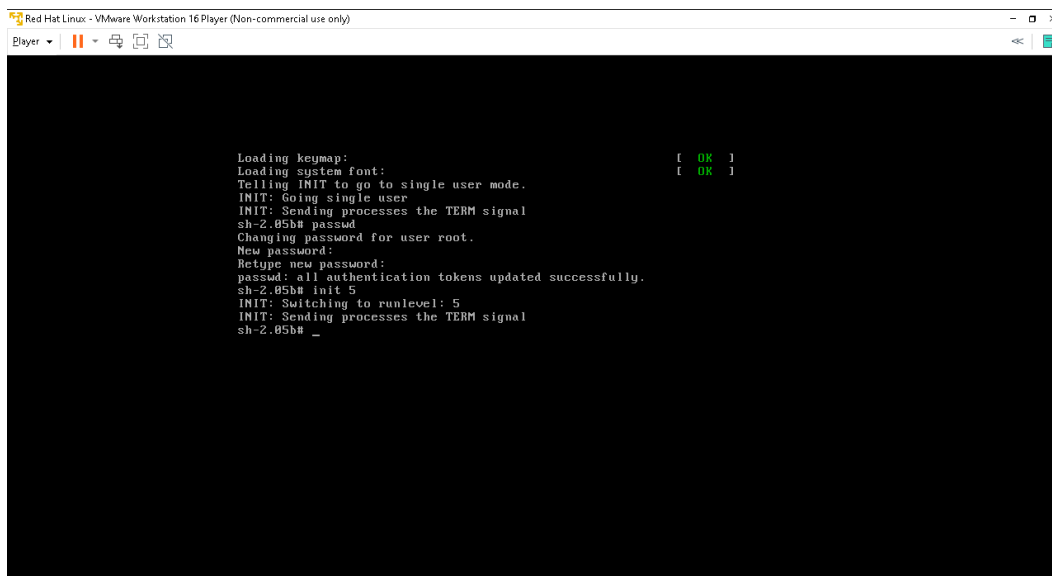
11. It will ask to change password.

12. Then retype change password. You have to type the password. Password will not be displayed to you. It remains hidden as shown in following snapshot:-



```
Red Hat Linux - VMware Workstation 16 Player (Non-commercial use only)
Player
Loading keymap: [ OK ]
Loading system font: [ OK ]
Telling INIT to go to single user mode.
INIT: Going single user
INIT: Sending processes the TERM signal
sh-2.05b# passwd
Changing password for user root.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
sh-2.05b# _
```

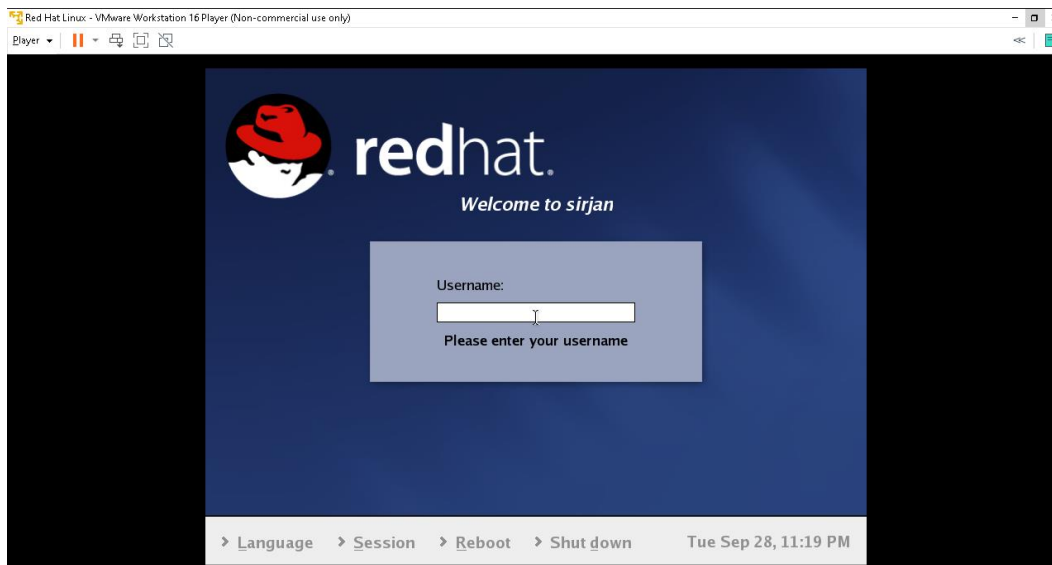
13. Then type init 5.



```
Red Hat Linux - VMware Workstation 16 Player (Non-commercial use only)
Player
Loading keymap: [ OK ]
Loading system font: [ OK ]
Telling INIT to go to single user mode.
INIT: Going single user
INIT: Sending processes the TERM signal
sh-2.05b# passwd
Changing password for user root.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
sh-2.05b# init 5
INIT: Switching to runlevel: 5
INIT: Sending processes the TERM signal
sh-2.05b# _
```

14. Your root password has been changed.

15. Now login with your new password using username as root.



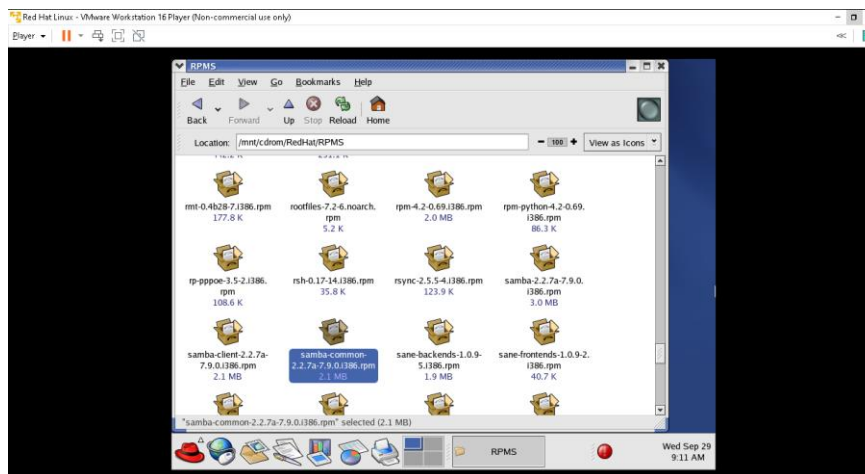
**Ques 2:- Locate package Samba-common, samba and samba-client. Perform all operations of rpm on these packages. Write the steps and attach screenshots to the same file where you wrote steps of Que1.**

Ans:-The steps to perform operations on samba packages are given below:-

- 1.Firstly we will go to root, then we move in /mnt and then in CDROM.
- 2.Now in CDROM, mount disk 1 from player.
- 3.Go to player, click on removable devices ,then click on CD/DVD(IDE).
- 4.Now browse the disc in which samba packages are located.
- 5.There are three samba packages -samba-common, samba and samba-client.
- 6.We first perform operation on samba-common.

### **Samba-common:-**

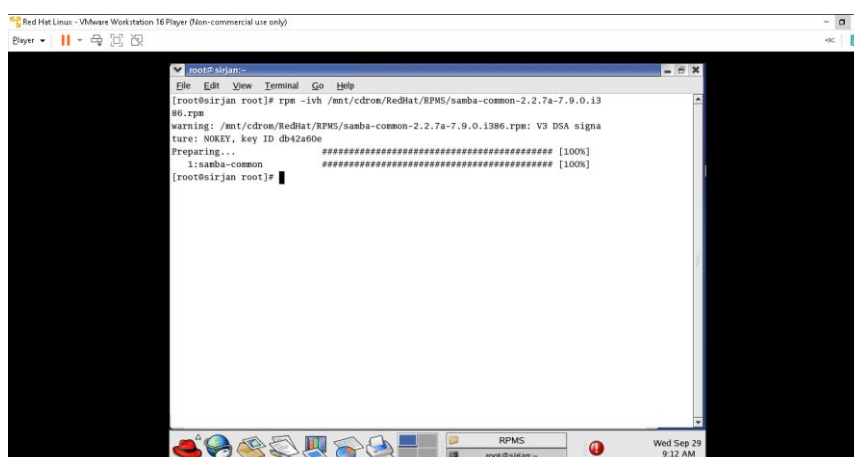
(i).Firstly, we locate samba-common as shown in snapshot :-



Now we are going to perform different operations on samba-common package.

(ii).On terminal, type command :-

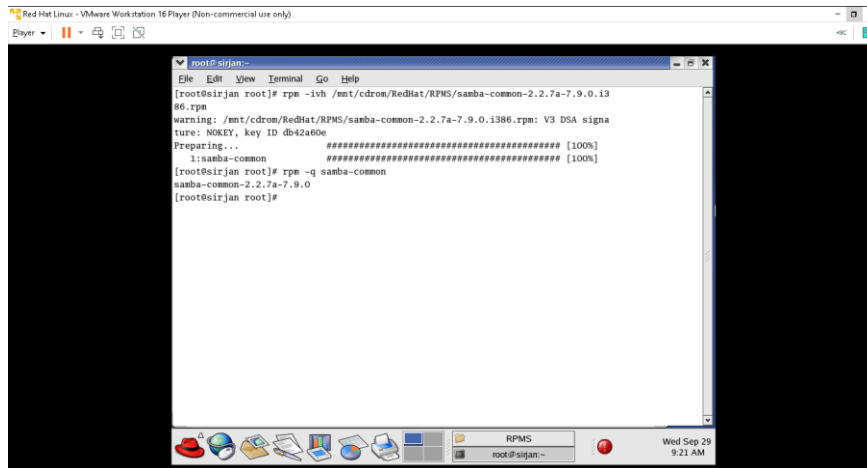
[root@sirjan root]# rpm -ivh /mnt/cdrom/RedHat/RPMS/samba-commo-2.2.7a-7.9.0.i386 as shown below:-



It is showing the progress bar that means the samba-common package has successfully installed.

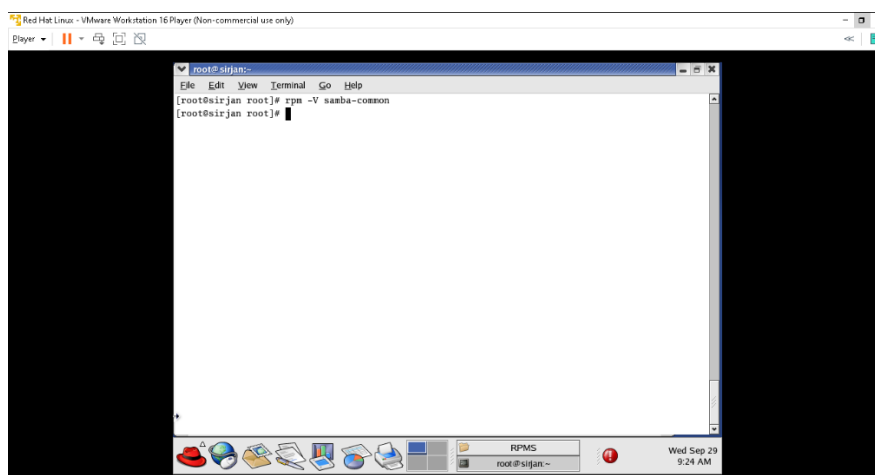
(iii) Use query command to check whether its installed or not, the following command is used.

```
[root@sirjan root]# rpm -e samba-common
```



(iv) To verify a package, -V command is used.

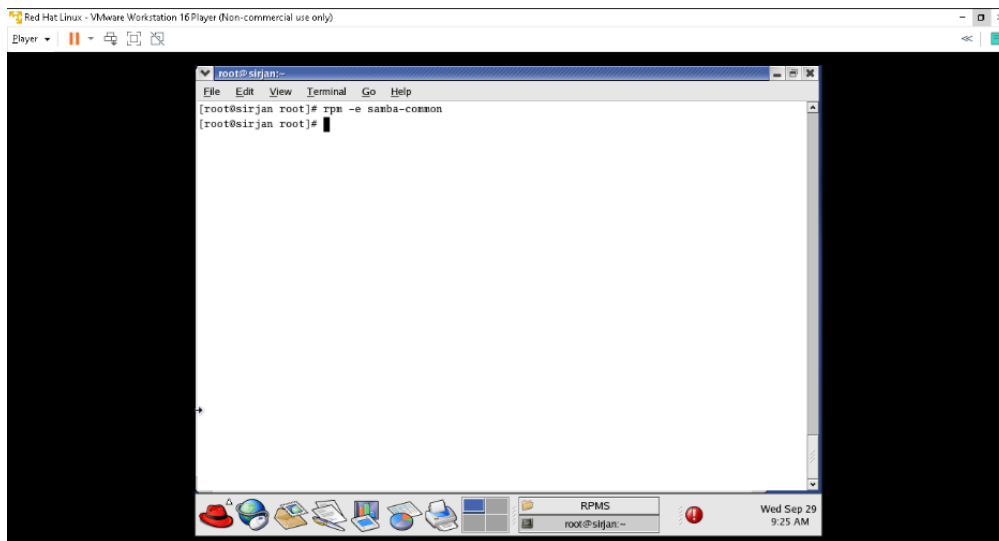
```
[root@sirjan root]# rpm -V samba-common
```



It shows nothing that means the package is completely verified and installed.

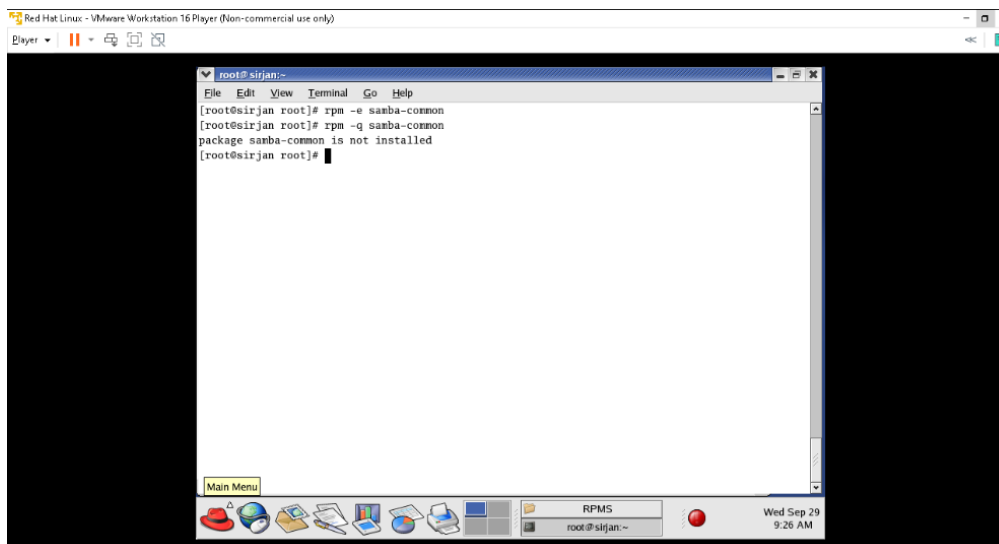
(v) To delete a package, -e command is used.

```
[root@sirjan root]# rpm -e samba-common
```



(vi) Now check, whether the package has deleted or not, use -q command.

```
[root@sirjan root]# rpm -q samba-common
```

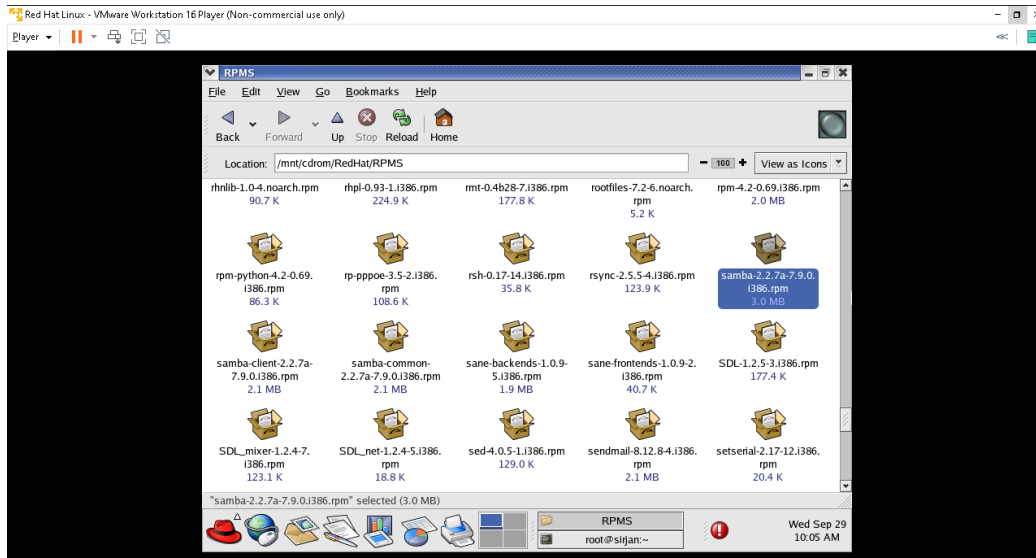


It shows that samba-common is not installed that means that package is successfully deleted.



## Samba:-

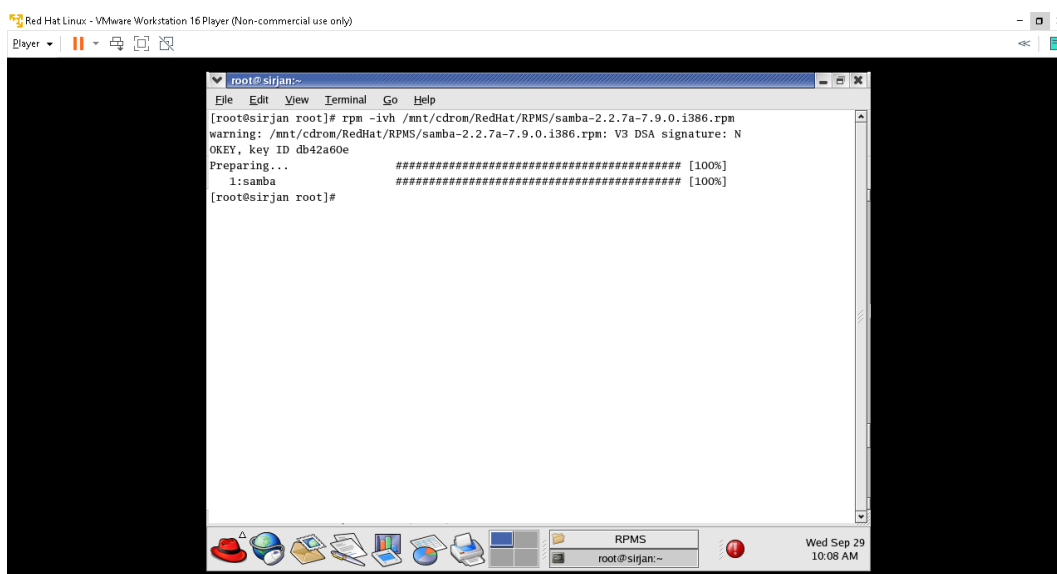
(i). Firstly, we locate samba package as shown in snapshot :-



Now we are going to perform different operations on samba package.

(ii). On terminal, type command :-

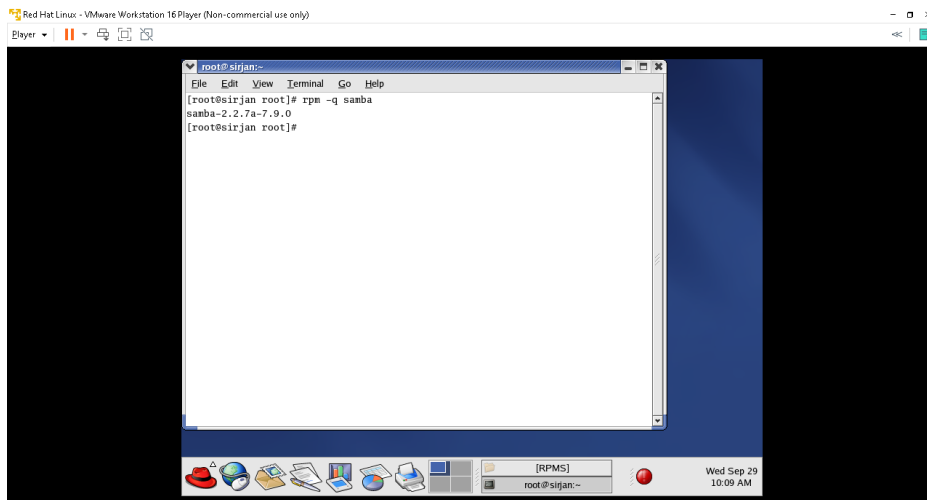
[root@sirjan root]# rpm -ivh /mnt/cdrom/RedHat/RPMS/samba-2.2.7a-7.9.0.i386.rpm  
as shown below:-



It is showing the progress bar that means the samba package has successfully installed.

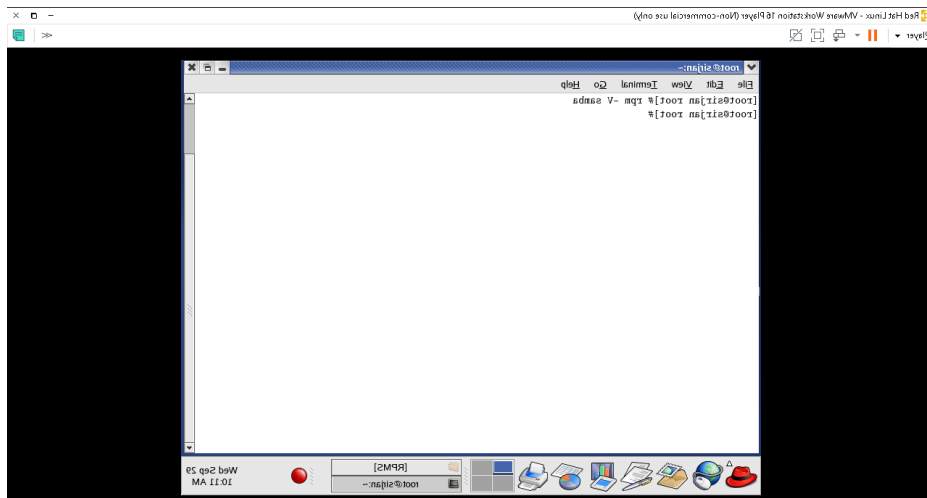
(iii) Use query command to check whether the package is installed or not, the following command is used.

```
[root@sirjan root]# rpm -e samba
```



(iv) To verify a package, -V command is used.

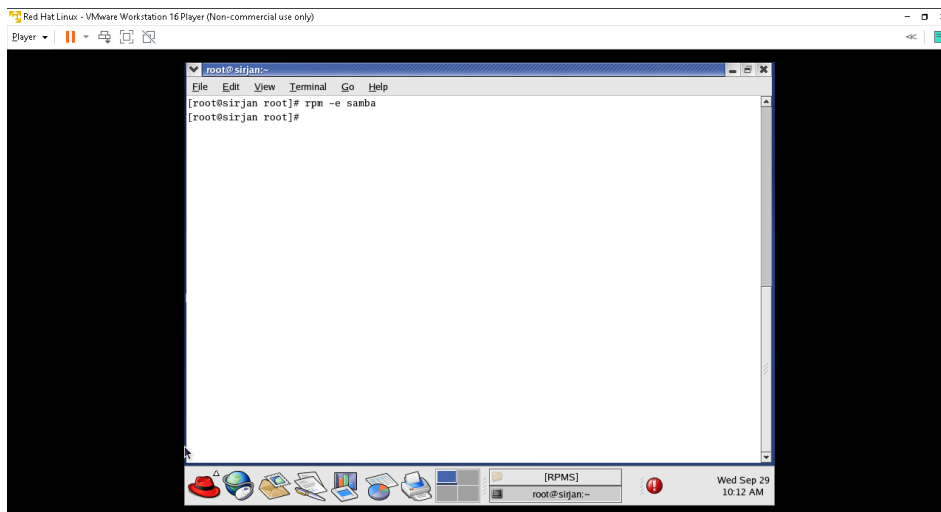
```
[root@sirjan root]# rpm -V samba
```



It shows nothing that means the package is completely verified and installed.

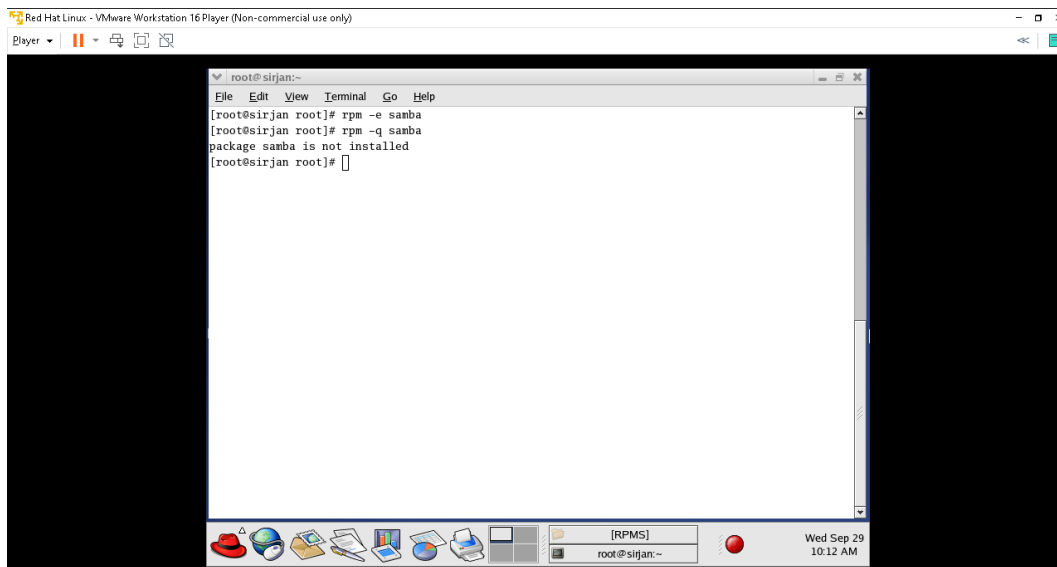
(v) To delete a package, -e command is used.

```
[root@sirjan root]# rpm -e samba
```



(vi) Now check, whether the package has deleted or not, use -q command.

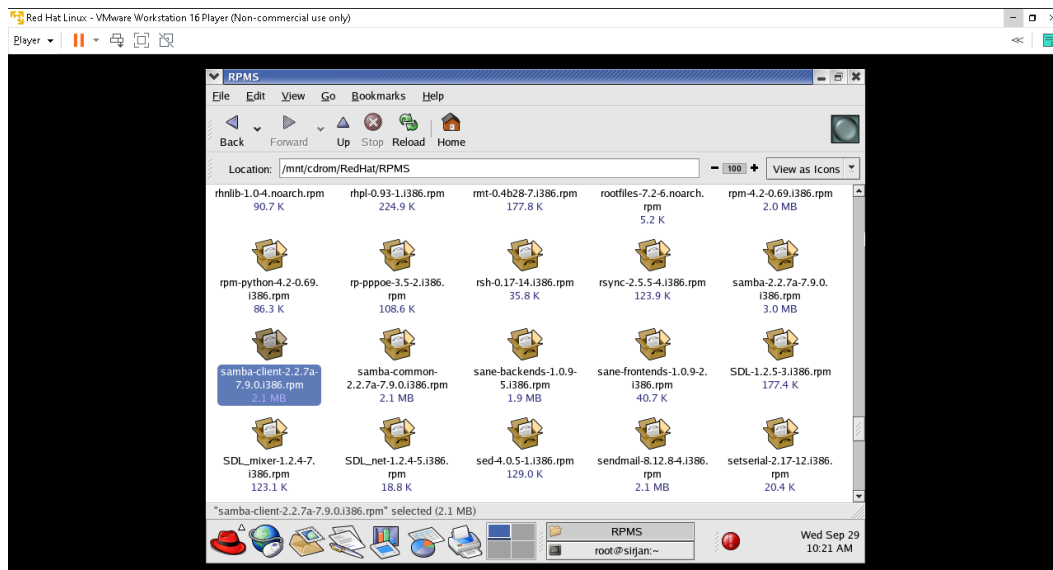
```
[root@sirjan root]# rpm -q samba
```



It shows that samba is not installed that means that package is successfully deleted.

## Samba-client:-

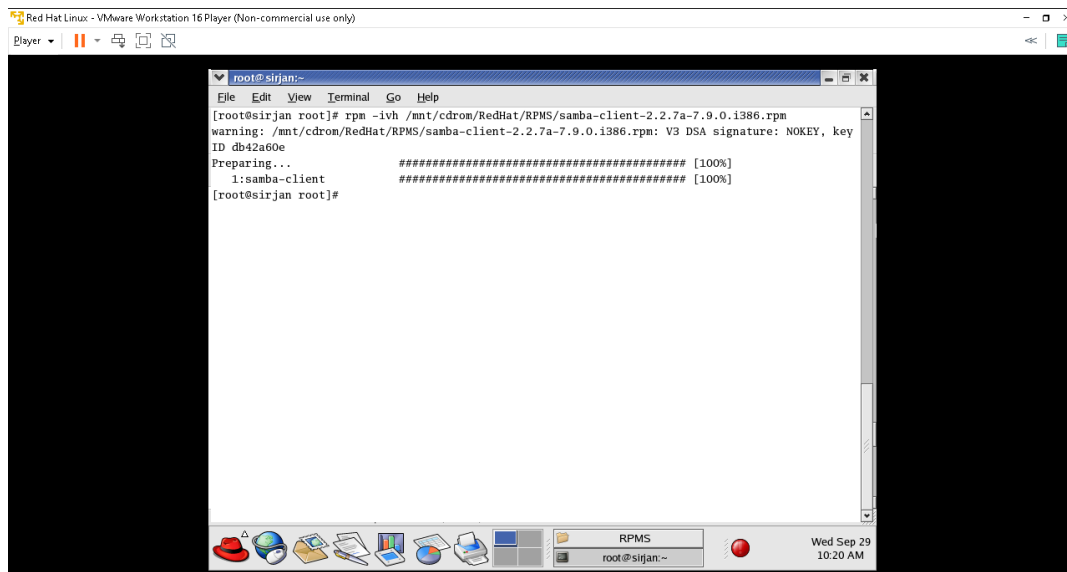
(i) In this, we locate samba-client package as shown in snapshot :-



Now we are going to perform different operations on samba-client package.

(ii). On terminal, type command :-

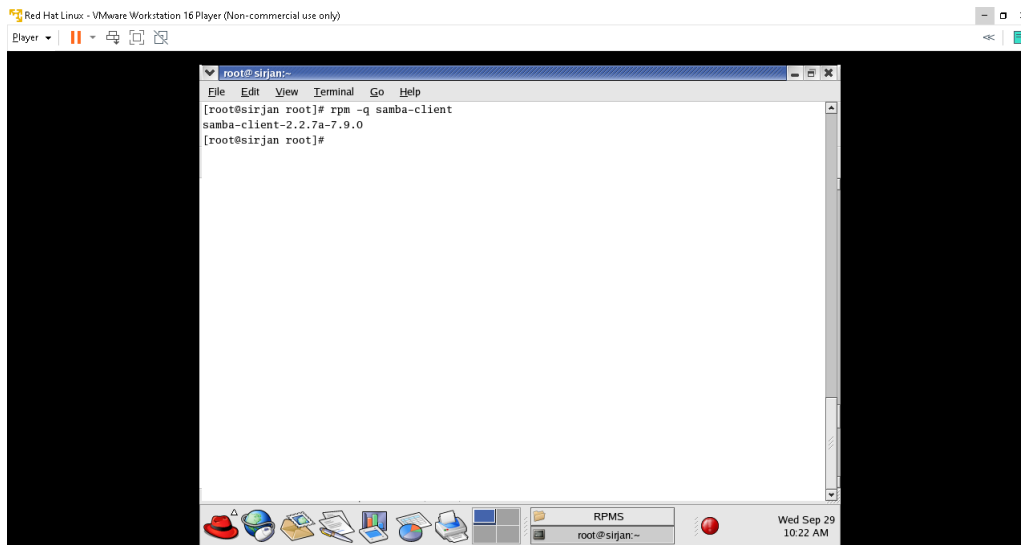
[root@sirjan root]# rpm -ivh /mnt/cdrom/RedHat/RPMS/samba-client-2.2.7a-7.9.0.i386.rpm as shown below:-



It is showing the progress bar that means the samba-client package has successfully installed.

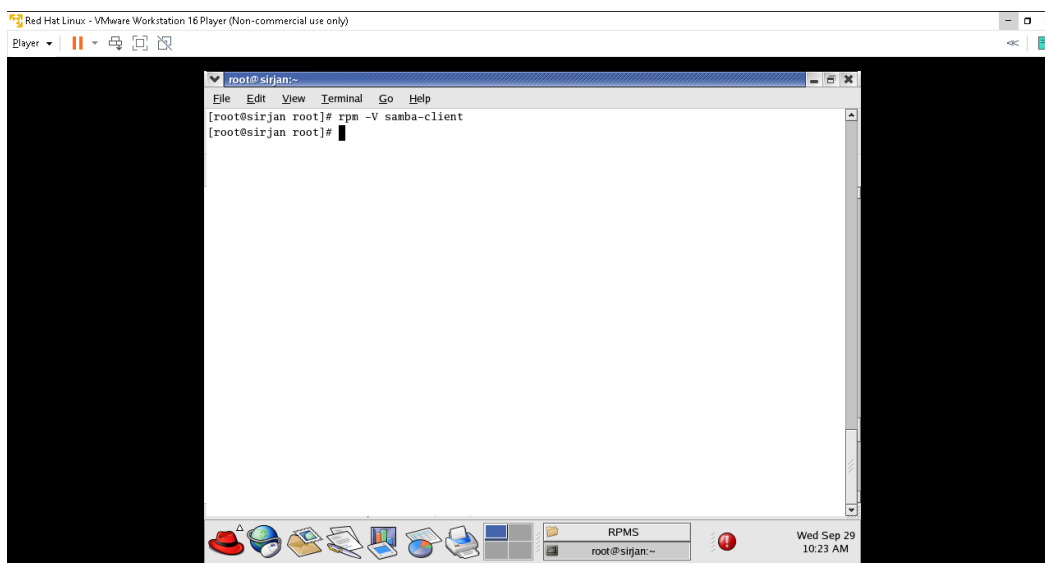
(iii) Use query command -q to check whether the package has installed or not, the following command is used.

```
[root@sirjan root]# rpm -q samba-client
```



(iv) To verify a package, -V command is used.

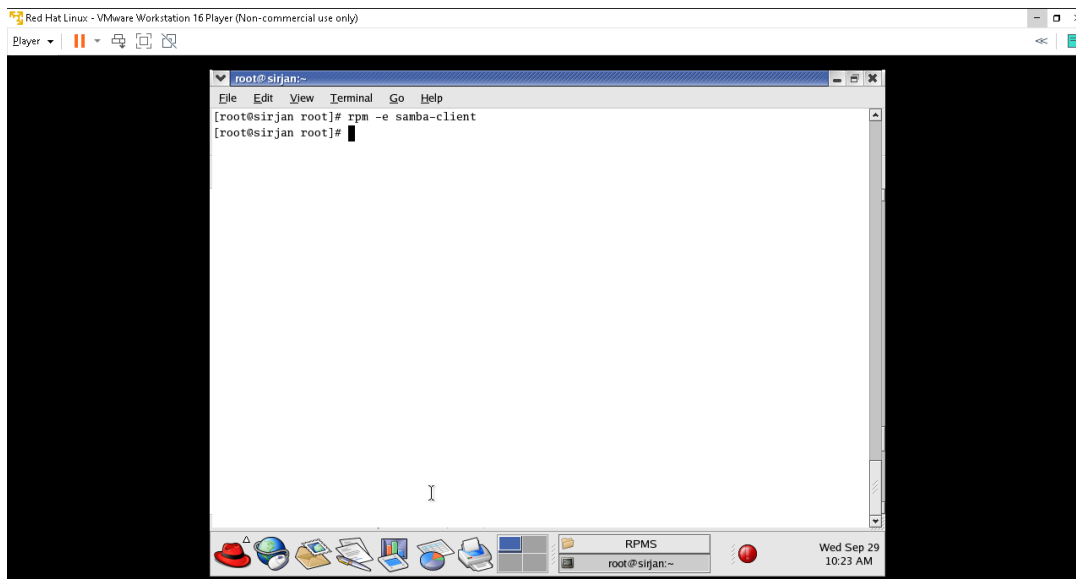
```
[root@sirjan root]# rpm -V samba-client
```



It shows nothing that means the package is completely verified and installed.

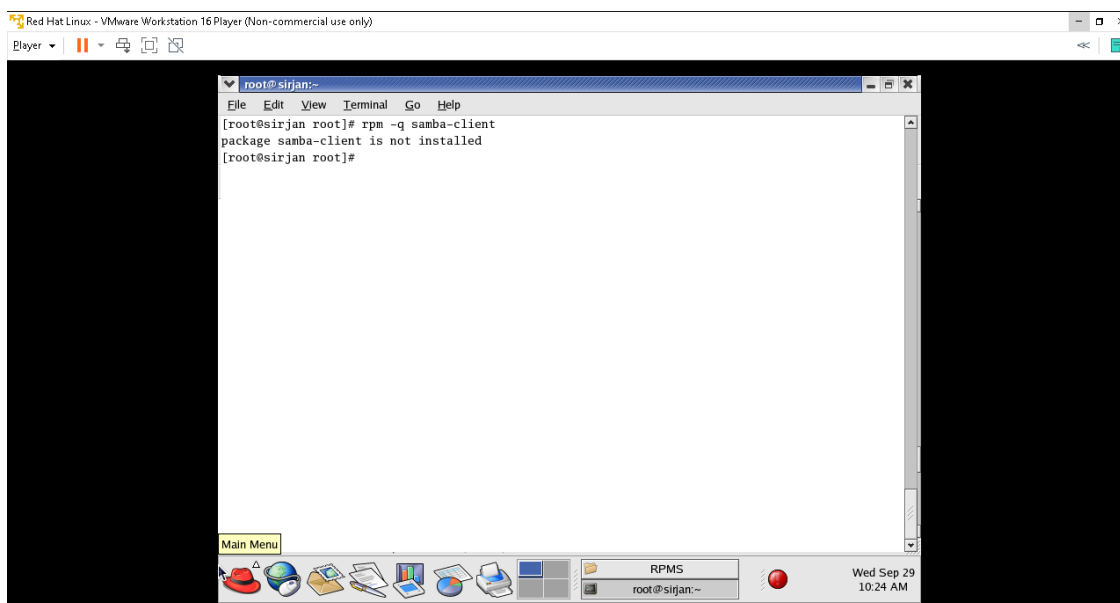
(v) To delete a package, -e command is used.

```
[root@sirjan root]# rpm -e samba-client
```



(vi) Now check, whether the package has deleted or not, use -q command.

```
[root@sirjan root]# rpm -q samba-client
```



It shows that samba-client is not installed that means that package is successfully deleted.