

Practical 9D : User Administration and Security

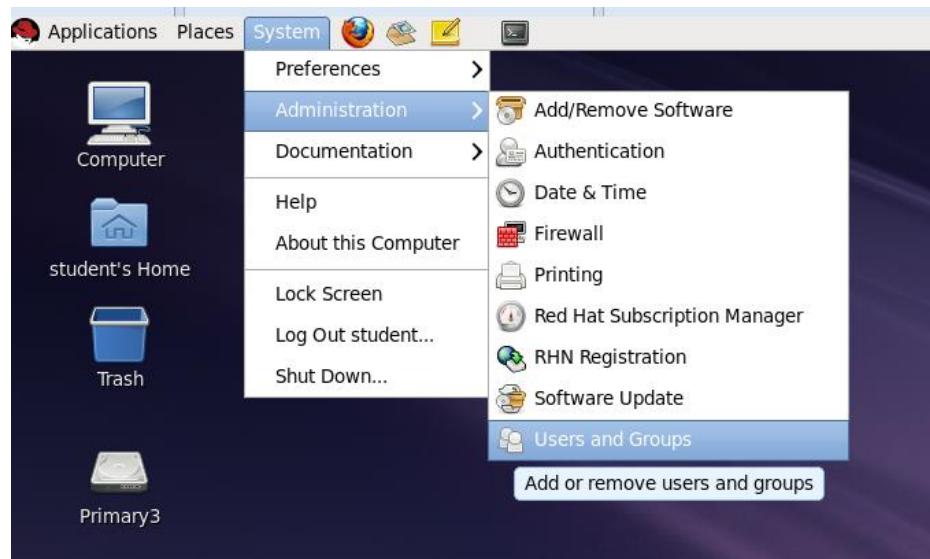
Practice 1: Creating Users using GUI (Graphical User Interface)

Scenario: You need to set up user accounts for the new employees.

Deliverable: A system with users **dan** and **eve**.

Instructions:

1. Login to the RedHat Server VM as a ordinary account (student or rhel6).
2. Select System → Administration → Users and Groups



3. Type the root password **redhat** if prompted for it.
4. Click on Add User to add a new user dan. Follow the details in Figure 1 and accept the default settings. Use the default password **redhat** (say yes if warned that it is a weak password).

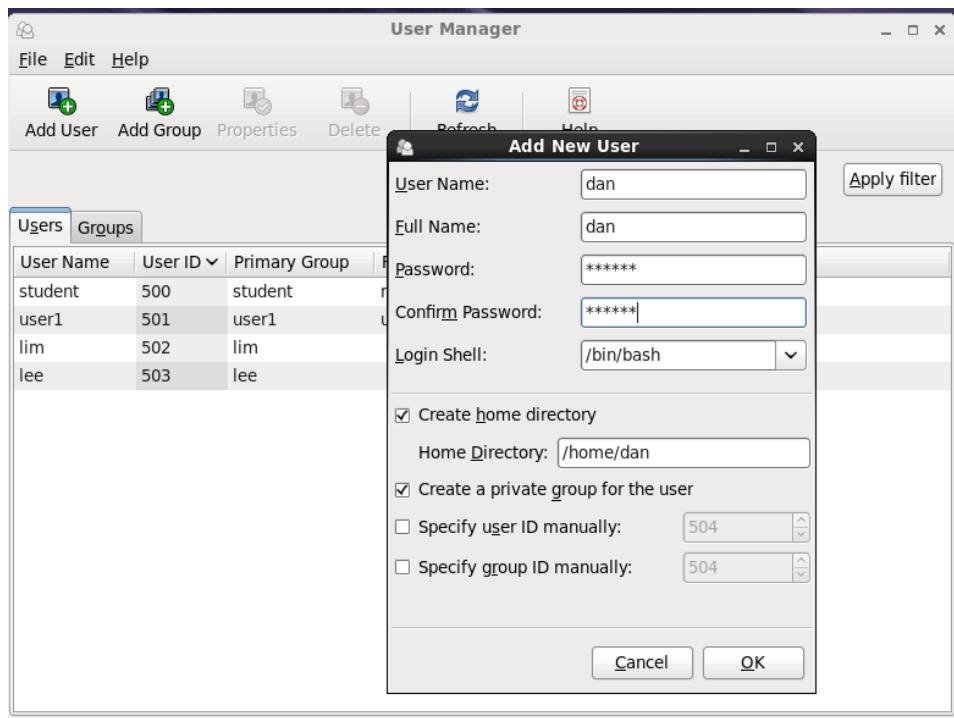
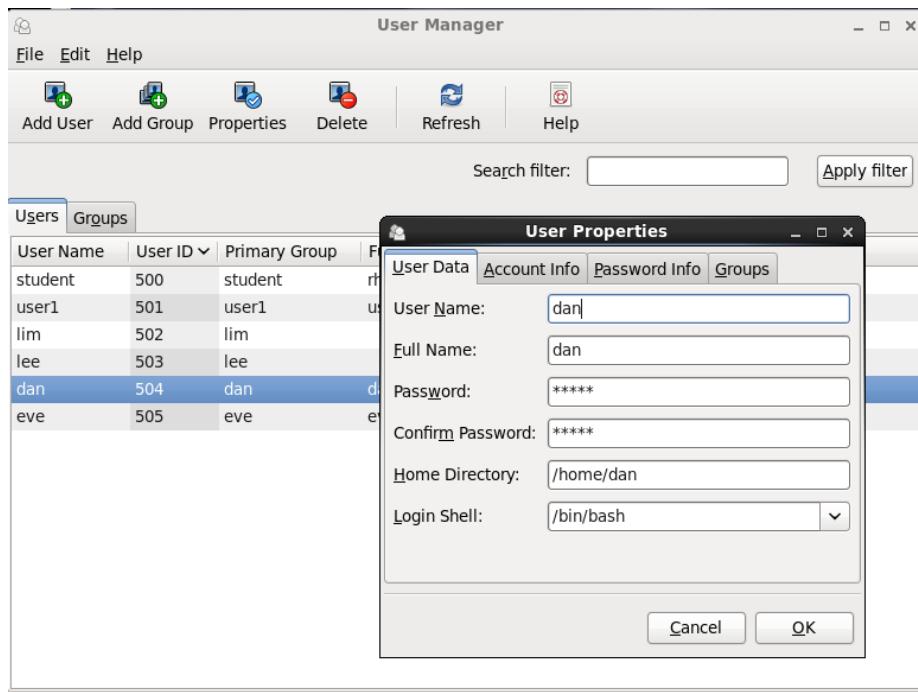


Figure 1

- Double click on the user account **dan** to open the User Properties window. Explore the different tabs to view the properties.



- Repeat step 4 to add another user called **eve**.
- Open a terminal window and view the **/etc/passwd** file to view the 2 user accounts that were created.

```
root@server:~  
File Edit View Search Terminal Help  
[student@server Desktop]$ su -  
Password:  
[root@server ~]# tail /etc/passwd  
pulse:x:497:496:PulseAudio System Daemon:/var/run/pulse:/sbin/nologin  
gdm:x:42:42::/var/lib/gdm:/sbin/nologin  
sshd:x:74:74:Privilege-separated SSH:/var/empty/sshd:/sbin/nologin  
tcpdump:x:72:72::/sbin/nologin  
student:x:500:500:rhel6:/home/student:/bin/bash  
user1:x:501:501:user1:/home/user1:/bin/bash  
lim:x:502:502::/home/lim:/bin/bash  
lee:x:503:503::/home/lee:/bin/bash  
dan:x:504:504:dan:/home/dan:/bin/bash  
eve:x:505:505:eve:/home/eve:/bin/bash  
[root@server ~]#
```

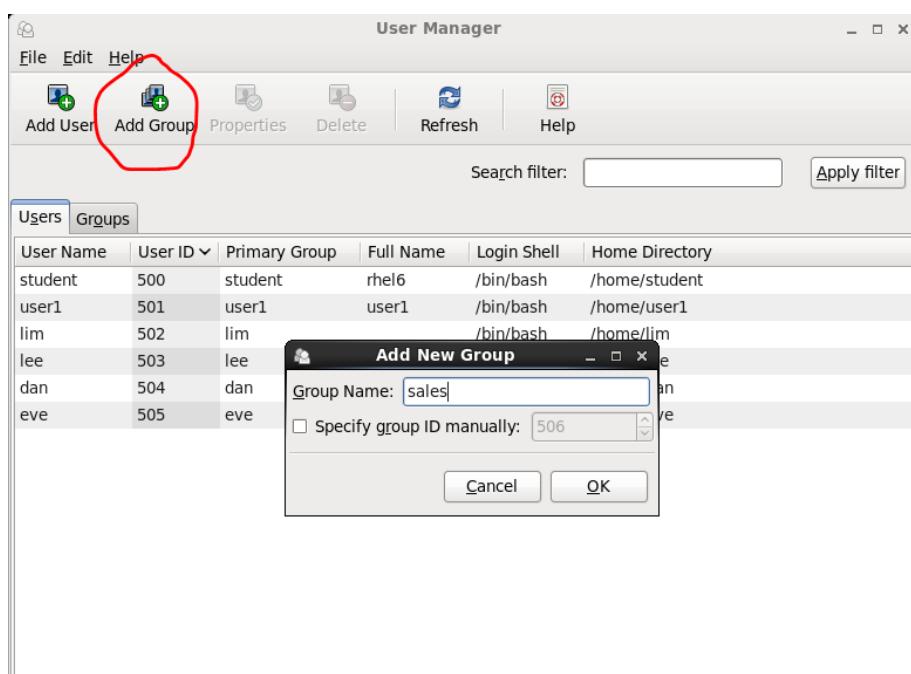
Practice 2: Creating Departmental Groups using GUI

Scenario: The 2 users belong to Sales department. You need to set up a group called **sales** for it and place the user accounts in it.

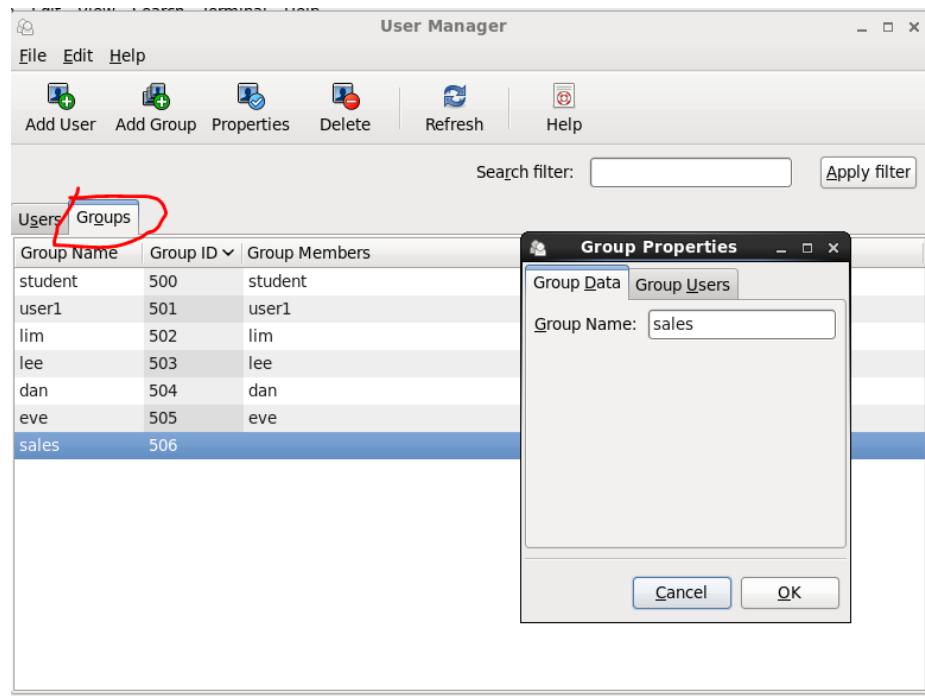
System setup: This sequence presumes that you earlier created the users named dan and eve.

Instructions:

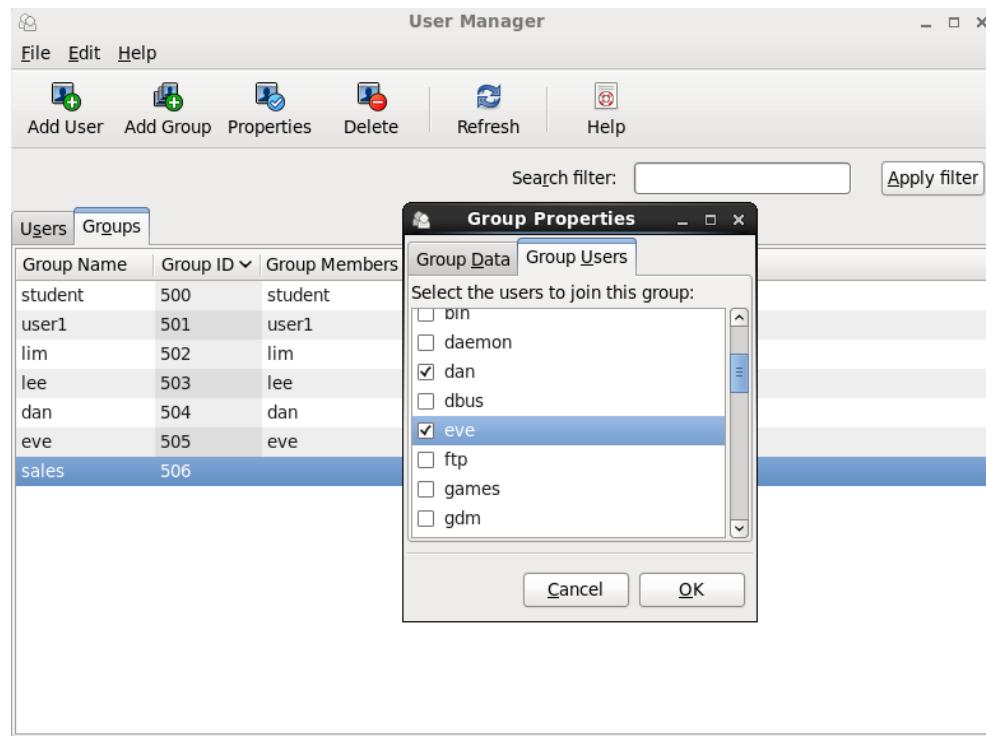
1. Click on Add Group to add sales. Accept the default group number.

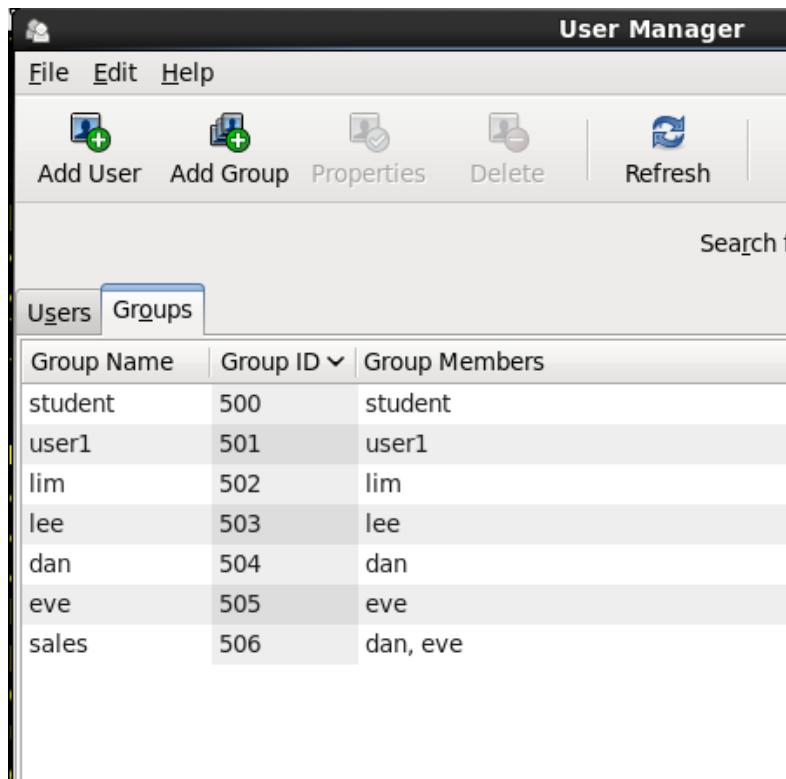


2. Click on Groups Tab and double click on the sales group (your Group ID may be different).



3. Click on Group Users and click to select dan and eve. Click OK.





4. You can verify the **/etc/group** file by issuing the commands in the screen below.

A screenshot of a terminal window with the title bar "root@server". The window shows the command "tail /etc/group" being run. The output lists group entries, each consisting of a name, a colon, an ID, another colon, and members separated by commas. The entries are:

```
[root@server ~]# tail /etc/group
sshd:x:74:
tcpdump:x:72:
slocate:x:21:
student:x:500:
user1:x:501:
lim:x:502:
lee:x:503:
dan:x:504:
eve:x:505:
sales:x:506:dan,eve
[root@server ~]#
```

5. Visit the man page for group to find out more about it.

[THE END]