

OLD DOMINION UNIVERSITY

CYSE 270 LINUX SYSTEM FOR CYBERSECURITY

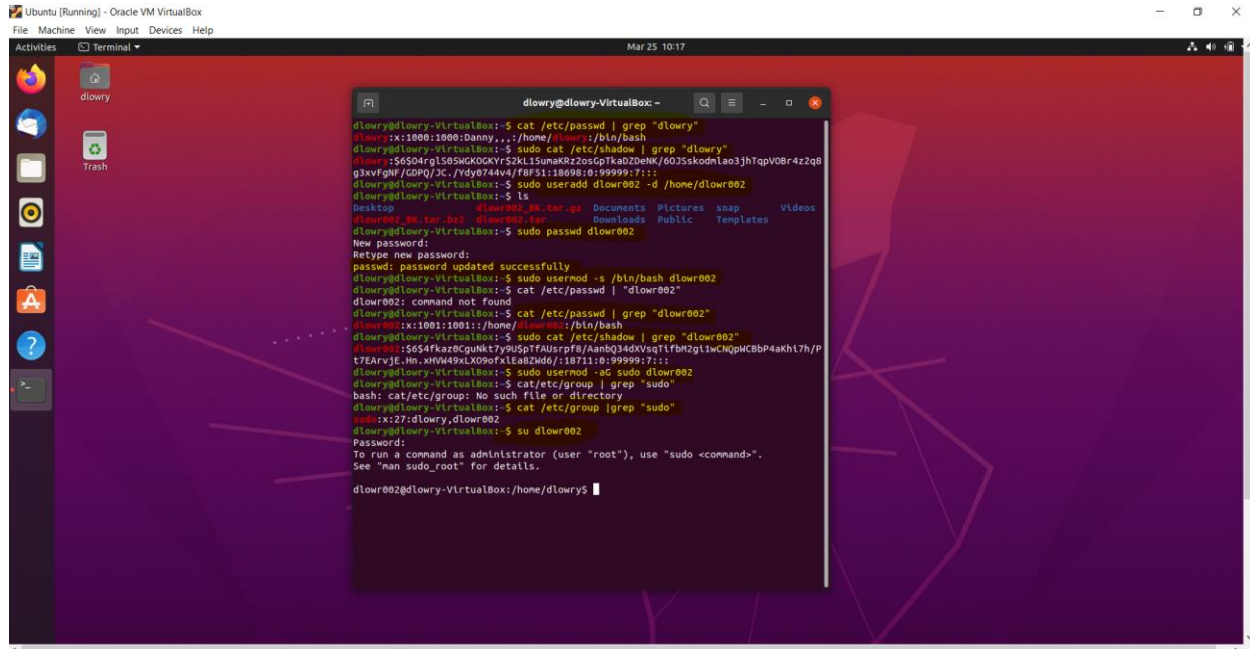
Assignment #4 Group and User Accounts

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TASK A

STEPS 1-9



```
dlowry@dlowry-VirtualBox:~$ cat /etc/passwd | grep "dlowry"
dlowry:x:1000:1000:Danny,,,:/home/dlowry:/bin/bash
dlowry@dlowry-VirtualBox:~$ sudo cat /etc/shadow | grep "dlowry"
dlowry:$6$04rgLS05WG0GKYr$2kL15unaKrz2osGpTkaD2DeNK/60J5skodn1ao3jhTpV0Br4z2q8
g3xvFgNr/GDPQ/3C./Vdy0744v4/f8f51:18698:0:99999:7:::
dlowry@dlowry-VirtualBox:~$ sudo useradd dlowr002 -d /home/dlowr002
dlowry@dlowry-VirtualBox:~$ ls
Desktop  dlowr002.tar.gz  Documents  Pictures  snap  Videos
dlowry@dlowry-VirtualBox:~$ sudo passwd dlowr002
New password:
Retype new password:
passwd: password updated successfully
dlowry@dlowry-VirtualBox:~$ sudo usermod -s /bin/bash dlowr002
dlowry@dlowry-VirtualBox:~$ cat /etc/passwd | grep "dlowr002"
dlowr002:x:1001:1001::/home/dlowr002:/bin/bash
dlowry@dlowry-VirtualBox:~$ sudo cat /etc/shadow | grep "dlowr002"
dlowr002:$6$4fkaz8CguKt7y9U5pITAU8rpf8/AanbQ34dXvsq1fBn2g1wCNQpMCBp4akhl7h/P
t7EARvjE.m.NHw49xLKO9ofAla2d6d/:18711:0:99999:7:::
dlowry@dlowry-VirtualBox:~$ sudo usermod -aG sudo dlowr002
dlowry@dlowry-VirtualBox:~$ cat/etc/group | grep "sudo"
bash: cat/etc/group: No such file or directory
dlowry@dlowry-VirtualBox:~$ cat /etc/group | grep "sudo"
sudo:x:27:dlowry,dlowr002
dlowry@dlowry-VirtualBox:~$ su dlowr002
Password:
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
dlowr002@dlowry-VirtualBox:~$
```

1. Opened Terminal
2. Displayed user account information using grep for current user dlowry using the **`cat /etc/passwd | grep "username"`** command.
3. Displayed user password information with grep using the **`sudo cat /etc/shadow | grep "username"`** command.
4. Created a user called dlowr002 using the **`sudo useradd xxxxx -d /home/xxxxx`** command
5. Set password for the new user using the **`sudo passwd xxxxx`** command
6. Setting bash shell as the default for dlowr002:
`sudo usermod -s /bin/bash xxxxx`
`cat /etc/passwd | grep "xxxxx"`
7. Password information for user dlowr002:
`sudo cat /etc/shadow | grep "xxxxx"`
8. Adding the user dlowr002 to the sudo users group:
`sudo usermod -aG sudo xxxxx`
`cat /etc/group | grep "sudo"`
9. Switch to new user's account:
`su xxxxx`