Ehsan Karimi ### Lab4 Notes

1.

2. Added "mpalmer ALL=/bin/systemctl restart vsftpd" to visudo in machine c

Created a new group ftp_admin:

groupadd ftp admin

Added users:

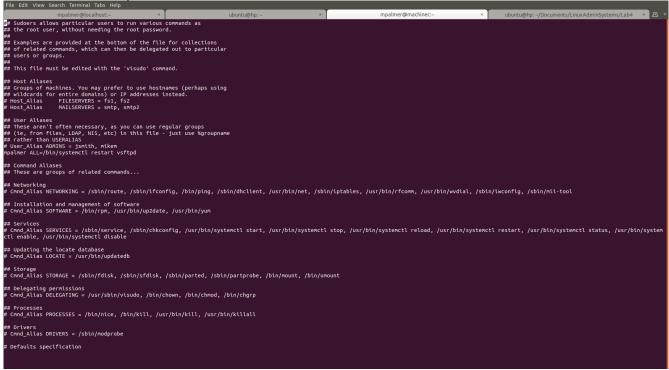
gpasswd -M mpalmer,ekarimi,mscott,jhalpert,dschrute ftp_admin

Changed group owner of /var/ftp:

chgrp ftp_admin /var/ftp

setguid for /var/ftp:

chmod 2770 /var/ftp



3. Created a new group http_admins:

groupadd http_admins

Added users:

gpasswd -M apache,ekarimi,pbeesly,kkapoor,abernard,mscott,jhalpert,dschrute http_admins

Changed group owner of /var/www/dundermifflin: chgrp http_admins /var/www/dundermifflin

setguid for /var/www/dundermifflin:

Added "%http admins ALL=/sbin/service httpd restart" to visudo in machine B

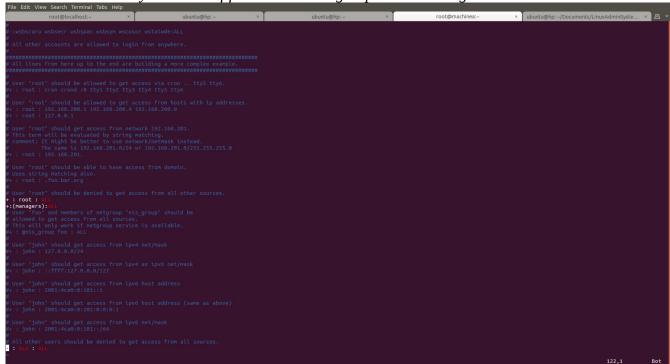
```
## Same thing without a password
# %wheel ALL=(ALL) NOPASSWD: ALL
%http_admins ALL=/sbin/service httpd restart
## Allows members of the users group to mount and unmou
```

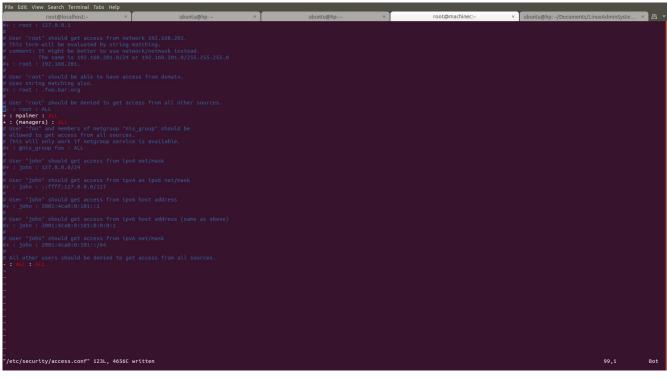
4. added the following line to /etc/profile (Source: https://stackoverflow.com/questions/12445527/set-different-umask-for-files-and-folders)

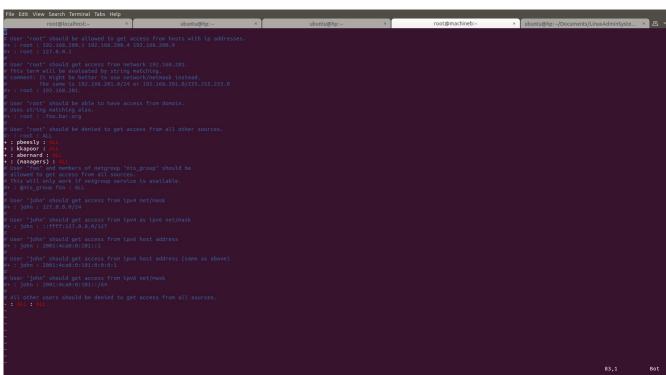
alias mkdir='mk:qdir -m 2770'

5. uncomment "PermitRootLogin yes" in /etc/ssh/sshd_config Added following to /etc/pam.d/login: account required pam_access.so

Modified /etc/security/access.conf file to add users/groups that need login access







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6. ran the following commands to grant admin privileges to Dwight Schrute and myself: usermod -a -G wheel dschrute usermod -a -G wheel ekarimi

uncommented wheel entry in visudo

```
## Allows people in group wheel to run all commands
%wheel ALL=(ALL) ALL
```

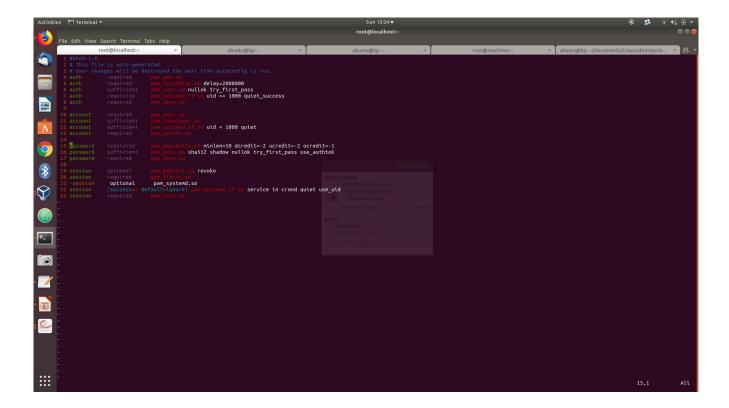
7. Added these two lines visudo:

mscott ALL=/sbin/shutdown -H mscott ALL=/sbin/shutdown -c

```
mscott ALL=/sbin/shutdown -H
mscott ALL=/sbin/shutdown -c
```

8. Added following line to /etc/pam.d/system-auth

password requisite pam_pwquality.so minlen=10 dcredit=-2 ucredit=-2 ocredit=-1



ran the following bash script to force password change on next login:

```
#!/bin/bash
getent passwd | while IFS=: read -r name password uid gid gecos home shell;
do
    passwd --expire $name
done
```

Source: https://unix.stackexchange.com/questions/199220/how-to-loop-over-users