

Remainder of the tasks:

Passwordless Logins:

```
#!/bin/bash

#pbeesly
ssh-keygen -t rsa -b 4096 -C pbeeslyMachineC
ssh-copy-id pbeesly@100.64.12.3

#k Kapoor
ssh-keygen -t rsa -b 4096 -C k KapoorMachineC
ssh-copy-id k Kapoor@100.64.12.3

#abernard
ssh-keygen -t rsa -b 4096 -C abernardMachineC
ssh-copy-id abernard@100.64.12.3
~
```

This script allows for pbeesly, k Kapoor, and abernard to ssh into machine C without a password. I simply use the ssh-keygen command to create the key, and create a note of whose key it is. I then do a ssh-copy-id command at the IP of machine C. I made the personal decision to log into each user listed above and run these commands manually. I have this 'script' for safe keeping remembering what I did.

DSchrute Sudo:

To allow Dwight to run any command via sudo I went into /etc/sudoers.d for each machine and created the file 'dschruteRoot'. It contains the command: dschrute ALL=(ALL:ALL) ALL. This allows for Dwight to basically run any command in sudo. I then used the scp command to copy it to the other machines.

Mscott Sudo:

```
msscott ALL=(ALL) /sbin/shutdown -h +[1-9][2-9][0-9]
msscott ALL=(ALL) /sbin/shutdown -h +[2-9][0-9][0-9]

msscott ALL=(ALL) /sbin/shutdown -c
~
```

To allow Michael to shutdown machines BCDF with a time limit in minutes of 120-999 minutes and also allow him to cancel the shutdown, I created the file 'msscottShutdown' in the /etc/sudoers.d directory. The file is shown above in the screenshot. It contains the user msscott is allowed to run the command shutdown located in sbin. Flag -h haults the machine and the +[number] constitutes how much time in minutes it will shut down from now. To limit 120-999, I used some regex to limit certain numbers as being a valid input for this command. The last line of the script allows for Michael to cancel the shutdown.

Approximate Time to complete assignment:

~8 hours