Linux User/Group Worksheet

January 17, 2018

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Follow the following instructions, enter the commands that you use to accomplish each task. When you are done upload this file to CourseWeb.**

Create a new user Mary Contrary ( mary ).

Give her a default password of password.

What were the options that created by default in the /etc/passwd file?

Create a new user John Barber ( john ).

Give him a default password of newPassword.

What permissions are the defaults for their home directories?

Using the man pages , add Mary to John’s group. Explain the steps.

Create a new group named writers, explain the process. Is there a home directory created?

Add Mary and John to this group, explain the process.

Create a new directory in /home; make the writers group the owner and group for this directory. Explain the process.

Can both Mary and John read and write to that directory?

Delete Mary using the userdel command. Who now owns the files in Mary’s old home directory?

Using the man pages, create a new user Alice B. Toklas (alice) with the same UID that Mary had and her password . What is the name of the home directory? Who owns those files?

Because Alice was not placed into the writers group, what are her permissions on the files in that Directory?

Add Alice to the writers group. Explain how you did this. How does this change Alice’s permissions? Why?

Read the /etc/passwd and /etc/shadow file, observe the values. What steps did you have to do to accomplish this task?

Change john’s user name to fred. Does this affect any of his permissions?

Look at the /etc/passwd and /etc/shadow files, where there any change s to these files as a result of changing the user name?

Change john account to expire in 30 days. How did you accomplish this and what file was changed and how is it different?

Remove john and alice without using the userdel command. Explain the process that you used to accomplish this task. Did this affect the writers group at all? How?

Now make sure that all of the home directories that were created are gone. Did you have to take steps to get this done or were they already gone.

Save all of your work and upload it to CourseWeb.