**Lab 4 – Linux Groups**

1. Test the following commands. Look up additional information in the man pages in the VM or online. Or in plaintext: the input parameters for the commands have been omitted.

|  |  |  |  |
| --- | --- | --- | --- |
| **Step** | **Task** | **Command** | **Type your commands Here** |
| 1 | Create a user | adduser |  |
| 2 | Create a group | addgrp |  |
| 3 | Change the group of the user to the new group | usermod -g |  |
| 4 | Log in as the user | su -l otherUser |  |
| 5 | Check uid and gid | id |  |
| 6 | Create a file | touch |  |
| 7 | Check the owner and group | ls -l |  |
| 8 | Change the owner | chown |  |
| 9 | Change the group | chgrp |  |

1. Type the commands that actually work for you in the empty column above.
2. Add screen shots for
   1. Step 5:
   2. Step 7:
3. Answer the following questions:

•Who can change the owner/group of a file or directory?

•Why do you think this is the case? Discuss from a security perspective.

1. What happens to a file when the primary group of its user owner changes?