

## STANDARD CYBER CAMP COMPETITION

### LINUX

If you are prompted by Ubuntu to perform an update, select cancel.

1. Find the Music folder and find the *location.mp3*, double click it, what is the name of the program that opens when you do this? (3 pts)
  - a.
2. What command can you use to find the path to the file *forensics.txt* (3 pts)
  - a.
3. What is the path to *forensics.txt*? (3 pts)
  - a.
4. What is the name of parent folder of the file named *forensics.txt*? (3 pts)
  - a.
5. What do you need to select in the user's window before making changes to user settings? (4 pts)
  - a.
6. Make a new user with the username *slee*. This user should be an administrator with the password *easy2guess*, and allow automatic login. (8 pts)
7. Install the *gufw*. (2 pts)
8. What is the version of *gufw* installed? (3 pts)
  - a.
9. What option within the *gufw* window would you change to enable/disable the firewall? (3 pts)
  - a.
10. Enable the *ufw*. Enter the *sudo ufw status* command to check that it is active. (6 pts)
11. Check if any applications need updates in Ubuntu Software. What was the application? Update it. (5 pts)
  - a.
  - b.
12. What are the three important tabs in Software and Updates? (3 pts)
  - a.
  - b.
  - c.
13. In the firewall configuration, for the Home Profile, deny BitTorrent access through the firewall, allow Call of Duty, and reject Conquest. (1 pt)
14. Go into the Documents directory. Locate the file with the name *Hacking101.txt*. Add the phrase *! am an ethical hacker* to the *Hacking101.txt* file. (5 pts)
15. Copy the file contents of *Hacking101.txt* to a new file named *EthicalHacking.txt*, then save both. (6 pts)
16. Type the command *whoami*, what is the response? (3 pts)
  - a.
17. Type the command *logname*, what is the response? (3 pts)
  - a.

18. Type the command *users*, what is the response? (3 pts)

a.

19. Type the command *who*, what is the response? (3 pts)

a.

20. What is the last category when you type the command *w*? (3 pts)

21. Display the user groups, then find which users are in the group *sambashare*? (5 pts)

a.

b.

c.

22. What do the file mode bits for permissions of file *basketball.txt* display? (3 pts)

a.

23. In long format display the files in your home directory, what character signifies hidden files? (5 pts)

a.

24. Add a new user *pcurie*. With the password *changeme123*. Leave additional information blank. (5 pts)

25. Delete user *njohnson*. Display the *passwd* directory showing the users have been added and deleted. (5 pts)

26. Create a group *camp*. Add a new user named *cbrown* to the group. Show the users in the *camp* group. (5 pts)

27. Install *openssh-server*. Next, remove the package *fcrackzip.1*.

28. What are the current password age policies? (6 pts)

a. Max Days: \_\_\_\_\_

b. Min Days: \_\_\_\_\_

c. Warning Age: \_\_\_\_\_

**Max Points: 100**

**Scoring Engine: 40**

**Live Worksheet: 60**