ABC IT Education

Linux Systems Administration

Linux Permissions Quiz

1. Given the following output of the "ls -l" command, what permissions are assigned to the members of the "users" group?

$ ls -l

-rwxrw-r-- 1 cmonie users 10400 Sep 27 08:52 sales.data

A. rwx   **B.** rw-   C. r---   D. –rwxrw-rw--

2. What type is "sales.data"?

$ ls -l

drwxr-xr-x 1 jason users 10400 Sep 27 08:52 sales.data

 A. file   **B.** directory   C. link

 D. It cannot be determined with the given output

3. Which command is used to change the permissions on a file or directory?

   A. modch   **B.** chmod   C. set   D. mkmod

4. The chmod command can only be used with numerical permissions.   A. True   **B.** False

5. Every user on a Linux system is in at least one group.?

   A. True   B. False

6. Which command would you run to ensure that "file.txt" can only be read, edited, and executed by the owner and that no other users on the system have access to it?

   A.   chmod 777 file.txt   B. chmod 755 file.txt

   C.   chmod 770 file.txt   **D.** chmod 700 file.txt

7. Which command is used to set the file creation mask?

   A. fmask   B. fcmask   C. chmod   **D.** umask

8. The chmod command can only be used with numerical permissions.   A. True   **B.** False

9. Which command will set the setuid attribute for file.txt?

   A. chmos u+s file.txt   B. chmod u+x file.txt

   C. chmod u-x file.txt   **D.** chmod 4755 file.txt

10. If I set the sticky bit for file sales.data which of the permissions is correct?

   A.   -rwxrw-r-T   B. -rwxrw-r-x   **C.** -rwxrw-r-t   D. -rwxrwSr-x