

1. Which three (3) groups can "own" a file in Linux?

1 point

☐ self, other, all

☒ user, group, everybody

☐ system, user, group

☐ user, team, world
2. What can be known about a file with permissions set to "-rwxr-x-r--"?

1 point

☒ The file is not a directory; the user can read, write and execute the file; the group cannot modify the file, and others not in the group an read it only.

☐ The file is a directory, the user can read, write and execute the file; others can read and execute the file, and the group can execute it only.

☐ The user can read, write and execute the file; the group cannot modify the file, and others not in the group an read it only. You cannot tell the file/directory type from this string.

☐ The file is a directory and the rwx indicators apply to all files within that directory.
3. A person using Linux would normally interact directly with which?

1 point

☐ The kernel.

☐ The API.

☐ The HCL.

☒ The shell.
4. In the Linux file system, what is the highest level in the directory structure?

1 point

☒ root

☐ kernel

☐ home

☐ bin
5. In Linux, a directory is a special type of \_\_\_\_.

1 point

file
6. What does the **nano** command do?

1 point

☐ nano displays the first 10 lines of any text file.

☐ nano is a file compression utility.

☒ nano is a basic text file editor.

☐ nano deletes all empty files and directories.
7. Application configuration files are usually stored in which directory?

1 point

☒ /etc

☐ /root

☐ /bin

☐ /sbin
8. The Linux “cat” command does which of the following?

1 point

☐ Puts the file system catalog into edit mode for rapid deletion or insertion of files and directories.

☒ Concatenates 2 or more files together.

☐ Creates a catalog of all files in the file system.

☐ Copies file properties.
9. Your organization uses a Linux-based network, and you’re configuring Uncomplicated Firewall (**ufw**). You want to disable file transfers that use the File Transfer Protocol (FTP), which occurs on port 21. Which command can you use to block all traffic on this port?

1 point

☐ `sudoufw delete 21`

☐ `sudoufw reload 21`

☒ `sudoufw deny 21`

☐ `sudoufw allow 21`

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