

[Updated Constantly]

HERE

[Linux Essentials – Chapter 16 Exam Answers 2019 + PDF file](#)

1. The `/tmp` directory is a temporary directory and will not exist on a system at all times.
True or False?
 - True
 - **False***
2. The `/var` directory has files that change over time.
True or False?
 - **True***
 - False
3. The “sticky bit” permission...
 - ...prevents others from overwriting files they don't own in common directories.
 - ...changes the group ownership of existing files in a directory.
 - **...prevents others from removing files they don't own from a common directory.***
 - ...sets the group ownership of any new file created in a directory.
4. Which of the following commands will set the “sticky bit” on `/shared` ?
 - `chmod 4777 /shared`
 - **`chmod 1777 /shared*`**
 - `chmod 2777 /shared`
 - `chmod 7777 /shared`
5. The “setuid” permission...
 - ...allows files in a directory to be manipulated as by the directory owner.
 - ...reports the output of a script to the owner.
 - **...allows a command to be run as the file owner.***
 - ...prevents the owner of a file from being changed.
6. Which of the following commands will set setuid for `/usr/bin/program`?
 - None of the above
 - `chmod 2755 /usr/bin/program`
 - `chmod 1755 /usr/bin/program`
 - **`chmod 4755 /usr/bin/program*`**
7. The setgid permission... (choose two)
 - **...allows files created in a directory to be owned by the group that owns the directory.***

- ...can only be set on files.
 - **...allows a command to be run as the group owner of the file.***
 - ...prevents the group owner of a file from being changed.
8. Which of the following commands will set setgid on /shared ?
- None of the above
 - chmod 4777 /shared
 - chmod 1777 /shared
 - **chmod 2777 /shared***
9. Setting setgid on a directory...
- ...will allow scripts in the directory to be executed as the group owner of the directory.
 - **...will set the group owner of all files created in the directory to the group owner of the directory.***
 - ...does nothing.
 - ...is not allowed by the system.
10. Deleting a source file will break an associated hard link. True or False?
- True
 - **False***
11. A source and a hard link must be part of the same filesystem. True or False?
- **True***
 - False
12. Deleting a source file will break an associated symbolic link. True or False?
- **True***
 - False
13. A source file and a symbolic link must be part of the same file system. True or False?
- True
 - **False***
14. Which of the following commands would create a hard link, link to file?
- **In file link***
 - ln -s link file
 - ln -s file link
 - ln link file
15. Which of the following commands would create a symbolic link, link to file?
- ln -s link file
 - ln file link
 - **ln -s file link***
 - ln link file