

✔ Congratulations! You passed!

Grade received **100%** To pass 100% or higher

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1. What entity, a term for the user who created the file, has the right to modify the permissions on the file?

1 / 1 point

- ☐ root
- ☐ username
- ☐ UID 500
- ☒ Owner

✔ Correct

Correct! The file owner, the user who created the file, has the right to modify the permissions.



2. You want to change the permissions on a particular file. What command should you use?

1 / 1 point

- ☐ chgrp
- ☐ chown
- ☒ chmod
- ☐ umask

✔ Correct

Correct! The chmod command is used to change the permissions of a file or directory.

3. In a shell prompt, you execute the `ls -l` command and get the following output:

1 / 1 point

```
-rw-rw-r-- 1 user user 5 Dec 12 16:43 some.txt
```

What permissions do all users who are not the owner and not in the group have to the `some.txt` file?

- ☒ read
- ☐ none
- ☐ read and write
- ☐ read, write and execute

✔ Correct

Correct! The eight character, the last “r” in the permission string, represents read for all users. The two dashes to the right of it would be the spaces for write and execute but since those spots have dashes, those permissions have not been granted.



4. In a shell prompt, you execute the `ls -l` command and get the following output:

1 / 1 point

-rwxrwxr-- 1 user user 5 Dec 12 16:43 some.txt

How would you express these permissions in octal format?

- ☐ 777
- ☐ 447
- ☒ 774
- ☐ 744

✓ **Correct**

Correct! The read permissions is worth 4, the write permission is worth 2, and the execute permission is worth 1. In this permission string, the owner and the group each have 7. All users who are not the owner or the group only have read which would be 4.

