

File permissions in Linux

Project description

The goal is to check user, group, and other permissions for files and correct if there is an error

Check file and directory details

The command used was `ls -l`

Describe the permissions string

For example, the permission string of `project_m.txt` was `-r w -r - - - -`

Change file permissions

`Project_k.txt` allows others to have write permissions, to change that, you would do `chmod o-w project_k.txt`

Change file permissions on a hidden file

To find the hidden permissions, you do `ls- la`

Change directory permissions

Do `cmhod g-x Drafts`, which removes executable permissions from the group, giving no one else access

Summary

Through Linux and bash shell, we altered file permissions to ensure security among the research group and others. We used the commands `ls -l` and `ls -la` to find file permissions, both hidden and non-hidden. Then we used `chmod` to alter the permissions to meet the security needs.