

Lab 3



1. Create a folder called myteam in your home directory and change its permissions to read only for the owner.
2. Log out and log in by another user.
3. Try to access the folder myteam that you have just created. Note what happened and explain why.
4. Using the command Line:
 - Change the permissions of oldpasswd file that was created in the last lab, to give owner read and write permissions, and for group write and execute, and execute only for the others (in 2 different ways).
 - Change your default permissions to be as above.
 - What is the maximum permission a file can have, by default when it is just created? And what is that for directory?
 - Change your default permissions to be no permission to everyone then create a directory and a file to verify.
5. What is the difference between the “x” permission for a file and for a directory?
6. What is the difference between the “w” permission for a file and for a directory?
7. What is the difference between the “r” permission for a file and for a directory?

8. What are the minimum permissions needed for:
- Copy a directory (permission for source directory and permissions for target parent directory).
 - Copy a file (permission for source file and permission for target parent directory).
 - Delete a file.
 - Change to a directory (cd command).
 - List a directory content (ls command).
 - View a file content (more/cat command).
 - Modify a file content.
9. Create a file with permission 444. Try to edit in it and to remove it? Note what happened and explain.
10. List the permissions of the / directory recursively.
11. Create a directory called myclass in your home directory. Who is the owner? Who is the group owner?
12. Change the primary group of the user Islam Askar to pgroup.
13. Change the group ownership of the directory myclass to pgroup. Who is the owner user now? Why?