Lab 2.2

1. Create a folder called myteam in your home directory and change its permissions to read only for the owner.

A screenshot of a computer

Description automatically generated

1. Log out and log in by another user

A screenshot of a computer program

Description automatically generated

1. Try to access (by cd command) the folder (myteam)

A screenshot of a computer program

Description automatically generated

1. Change the permissions of oldpasswd file to give owner read and write permissions and for group write and execute and execute only for the others (using chmod in 2 different ways)

A screenshot of a computer

Description automatically generated

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Description automatically generated

Change your default permissions to be as above. **Unmask 146**

**As the final permission value is the default of subtracting the mask value from the default permission value (777 for folders and 666 for files**

• What is the maximum permission a file can have, by default when it is just created? And what is that for directory. **666**

• Change your default permissions to be no permission to everyone then create a directory and a file to verify. **777**

1. What are the minimum permission needed for:

• Copy a directory (permission for source directory and permissions for target parent directory)

**Permissions for the source directory 🡺 rx**

**Permissions for the target parent directory 🡺 wx**

• Copy a file (permission for source file and and permission for target parent directory)

**Permissions for the source file 🡺 r**

**Permissions for the target parent directory 🡺 wx**

• Delete a file

**No permissions for file**

• Change to a directory

**Need execute permissions**

• List a directory content (ls command)

**Read**

• View a file content (more/cat command)

**read**

• Modify a file content

**Write**

18. Create a file with permission 444. Try to edit in it and to remove it? Note

what happened.

**this file has a permissions 444 (read only for everyone) so we will not be**

**able to edit it , can remove it**

19. What is the difference between the “x” permission for a file and for a

directory

**For a file  allow excute the file as a program**

**For a directory  allow access the directory contents**