

LAB2 continued:

13- create folder my team

```
[Vomato@127 ~]$ mkdir myteam; chmod 400 myteam  
[Vomato@127 ~]$ ls
```

With permissions read only for the owner

14- login and logout

```
[Vomato@127 ~]$ su - ftpuser  
Password:  
[ftpuser@127 ~]$ exit  
logout  
[Vomato@127 ~]$
```

15-try to cd into myteam

```
[Vomato@127 ~]$ cd myteam  
bash: cd: myteam: Permission denied  
[Vomato@127 ~]$
```

16-a change the permissions of oldpasswd

```
[Vomato@127 ~]$ chmod u=rw,g=rx,o=x oldpasswd  
[Vomato@127 ~]$ ls -l oldpasswd  
-rw-r-x--x 1 Vomato Vomato 2997 Dec 14 12:24 oldpasswd  
[Vomato@127 ~]$ chmod 651 oldpasswd  
[Vomato@127 ~]$ ls -l oldpasswd  
-rw-r-x--x 1 Vomato Vomato 2997 Dec 14 12:24 oldpasswd  
[Vomato@127 ~]$
```

16-b change your default permissions to be as above

Either using the symbolic permissions or octal in umask

```
[Vomato@127 ~]$ umask u=rw,g=rx,o=x  
[Vomato@127 ~]$ umask 126  
[Vomato@127 ~]$
```

16-c maximum permissions of a file and a directory

The maximum permissions of a file by default is 666 while that of a directory is 777

Rw,rw,rw and for the directory rwx,rwx,rwx

16-d change default permissions to nothing and ls to confirm it after creating testdir

```
[Vomato@127 ~]$ umask 777
[Vomato@127 ~]$ mkdir testdir
[Vomato@127 ~]$ ls
bla      docs      Downloads  man.txt  myteam    Pictures
Desktop  Documents  f2        Music    oldpasswd Public
[Vomato@127 ~]$ ls -l
total 16
-rw-r--r--  1 Vomato Vomato  361 Dec 10 10:42 bla
drwxr-xr-x.  2 Vomato Vomato   6 Dec  9 03:14 Desktop
drwxrwxr-x.  2 Vomato Vomato  18 Dec 12 13:12 docs
drwxr-xr-x.  2 Vomato Vomato   6 Dec  9 03:14 Documents
drwxr-xr-x.  3 Vomato Vomato  57 Dec 10 11:15 Downloads
-rw-rw-rw-   1 Vomato Vomato   0 Dec 14 09:19 f2
-rw-rw-r--   1 Vomato Vomato 7945 Dec 12 13:39 man.txt
drwxr-xr-x.  2 Vomato Vomato   6 Dec  9 03:14 Music
dr-----   2 Vomato Vomato   6 Dec 14 12:15 myteam
-rw-r-x-x   1 Vomato Vomato 2997 Dec 14 12:24 oldpasswd
drwxr-xr-x.  2 Vomato Vomato   6 Dec  9 03:14 Pictures
drwxr-xr-x.  2 Vomato Vomato   6 Dec  9 03:14 Public
drwxr-xr-x.  2 Vomato Vomato   6 Dec  9 03:14 Templates
d-----   2 Vomato Vomato   6 Dec 14 12:39 testdir
drwxr-xr-x.  2 Vomato Vomato   6 Dec  9 03:14 Videos
[Vomato@127 ~]$
```

17- a what are the minimum permissions

```
-rw-rw-rw-  1 Vomato Vomato  0 Dec 14 03:13 f2
d--xwxr-x  2 Vomato Vomato  21 Dec 14 12:44 folder1
d-wxwxr-x  2 Vomato Vomato  21 Dec 14 12:49 folder2
-rw-rw-rw-  1 Vomato Vomato 7945 Dec 12 13:39 man.txt
```

The minimum permissions needed to copy from a source dir to a destination dir

The source dir needs to at least have an execute permission

While the destination dir needs to have at least writing and execute permission

17-b permission for source file and source parent dir

Source parent dir permissions are the same as before which is write and execute permissions

Copying a file needs to have a minimum permission of read to be able to copy it to folder2

17-c delete a file

To delete a file you need to have write and execution permissions on the parent dir while the file's permissions are irrelevant for deletion as long as you have the writing permissions on the parent

17-d to change to a directory

The minimum permissions you need is execute permissions to that directory

17-e to list contents

To do so you need the read permissions of said directory

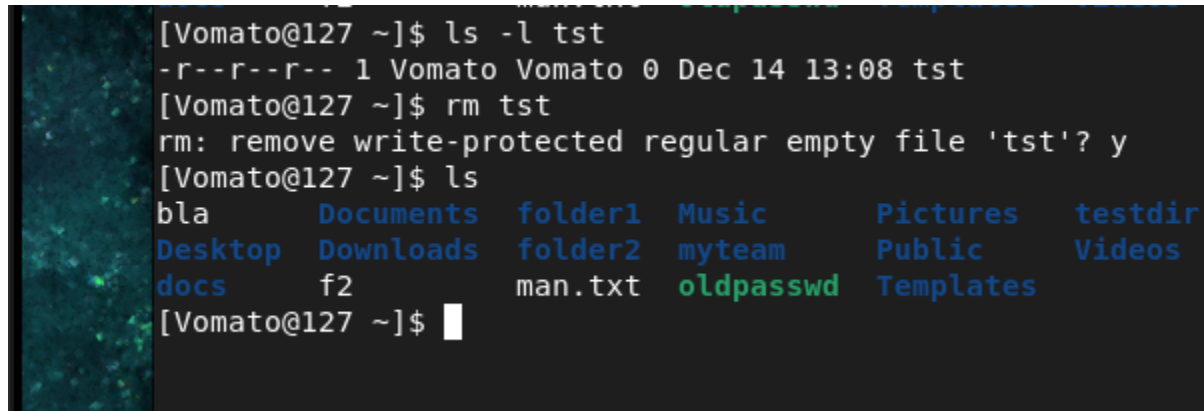
17-f view a file

To do so you need to have read permissions of a directory

17-g modify a file

You would need the write permissions to do so as well

18- chmod 444 to a file trying to delete it

A terminal window with a dark background and a green, abstract pattern on the left side. The terminal shows the following commands and output:

```
[Vomato@127 ~]$ ls -l tst
-r--r--r-- 1 Vomato Vomato 0 Dec 14 13:08 tst
[Vomato@127 ~]$ rm tst
rm: remove write-protected regular empty file 'tst'? y
[Vomato@127 ~]$ ls
bla      Documents  folder1   Music     Pictures  testdir
Desktop  Downloads  folder2   myteam    Public    Videos
docs     f2         man.txt   oldpasswd Templates
[Vomato@127 ~]$
```

Trying to delete it would happen successfully because its based ont he parent dir's permissions not the file's permissions itself and with no write permission i cant edit it

19-whats the difference between a file and a dir with teh x permission

The execute permission in a file can run the file while the execute permissions on directories would make you able to change directory and jump into the file

