UD 08.
LINUX: RESOURCE PROTECTION
Activities

Computer Systems
CFGS DAW

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Nomenclature

Throughout this unit different symbols will be used to distinguish important elements within the content. These symbols are:

 Important

 Attention

 Interesting

UT 08. LINUX: Resource Protection

¡¡Remember to share your solutions in the forum and ask for doubts help if you need also there!!

Activities

1. Exercise 1

Convert the following octal permissions to alpha/symbolic notation:

- 664
- 700
- 771
- 502
- 000
- 640

Convert the following alpha/symbolic permissions to octal notation:

- u=rwx,g=w,o=r
- u=rw,g=rw,o=-
- u=r,go=-
- a=rw
- ug=rw,o=r
- uo=rw,g=r

2. Exercise 2

Following your acquired knowledge on linux explain how you can :

1. Create an user called "Pepito",
2. create a group called "Grillo",
3. Assign user Pepito to Grillo group
4. Modify current Pepito UID to 3000
5. Modify current Grillo GID to 3001

6. Display current user and group configuration after the update on previous points 4 and 5.

3. Exercise 3

If an user has read permissions on a file but that file is placed inside a folder where he has read credentials but not executable ones, Can the user finally read the file? Please write a full disclose argument on the results you have check on your computer and the reason why this is actually happening.

4. Exercise 4

If an user has reading permissions on a file but that file is in a folder where the user only has executable permissions, Will the user finally read the file? Please write a full disclose argument on the results you have check on your computer and the reason why this is actually happening.