

PROFESSIONAL FAMILY: Computing and communications

Vocational education and training (VET) program code: CFGS ICA0

VET Program name: Network computer systems administration

Academic Year: 23-24

ACTIVITY NAME AND NUMBER

Activity 7 Tarball and .deb packages.

Goal of the activity

 **Understanding:**

- What are the typical ways of installing software on Linux, and particularly, on a Debian distribution.
- What is a tarball package
- What is a .deb package

Using command-line tools to check, read, create, modify and delete user accounts and groups.

Time to develop the activity

 4 hours

Methodology and students grouping

 **Methodology:**

- Group of students splitted into 2 subgroups each of them a half of the group. One classroom is required for each subgroup
- Seminar and practical exercise.

 **Students grouping:** Individual.

Activity description

 [Short seminar](#) about:

- What is a user account and its main features?
- What is a group of users and its main features?.
- Files and directories involved in managing user accounts and groups

of users.

📺 [Practical exercise](#):

- Creating, modifying, deleting, checking, reading, enabling and disabling user accounts.
- Creating, modifying, deleting, checking, reading, enabling and disabling groups of users.

Check that student has:

- understood the goals of this activity.
- reached the goals of this activity.

Resources to develop this activity

📺 [Online resource](#) with:

- Documentation
- List of tasks the student has to do
- (optional) Forms to fill

📺 Linux installed on a virtual machine.

📺 Internet and laptops.

Teachers team role

- 📺 Lead the seminar of this activity.
- 📺 Help students to do the practical exercise of this activity.
- 📺 Get a score for the practical exercise of this activity.
- 📺 Feedback to each student.
- 📺 Check that each student has understood the goals of the activity.

Evaluating the activity

📺 Main features:

- Individual
- Hetero-evaluation (Teachers team evaluate the activity)
- Quantitative (Each student get a score)
- Qualitative (Feedback and comments to each student).