



UT 05.

INTRODUCTION TO LINUX

STUDY GUIDE

COMPUTER SYSTEMS
CFGS DAW

Borja Salom
2022/2023
Versión:221113.2055

License



Attribution - NonCommercial - ShareAlike (by-nc-sa): No commercial use of the original work or any derivative works is permitted, distribution of which must be under a license equal to that governing the original work.

Nomenclature

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



Important



Attention



Interesting

CONTENTS

1. Data.....	4
2. Previous knowledge.....	4
3. Objectives.....	4
4. Contents.....	4
5. Activities.....	4
6. Recommendations.....	5

UD05. INTRODUCTION TO LINUX

1. DATA

From 14/11/2022 to 27/11/2022. The length of the unit is 2 weeks (16 hours)

2. PREVIOUS KNOWLEDGE

Knowledge about hardware and operating systems.

Knowledge about Virtual Box and installation of operating systems on virtual machines.

Fundamentals about Linux and the Linux console

3. OBJECTIVES

- Understand how a file system works
- Manage disk partitions and mount points
- Manage files using the Linux file system

4. CONTENTS

- File systems
- Partitions
- The Linux file system
- Managing files with Linux

5. ACTIVITIES

This week's activities are not evaluable.

The activities are intended to be carried out using virtual machines, as some of the exercises require additional hardware (new hard disks) and others may render the computer inoperative. Virtual machines clones and snapshots will be very useful to avoid having to reinstall the operating system again.

6. RECOMMENDATIONS

Try to perform the exercises using the command line. Use the man command to obtain additional information on the operation and parameters of the commands.