Computer Systems – Study guide

UD 10. LINUX

Computer Systems
CFGS DAW

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Licencia

Nomenclatura

A lo largo de este tema se utilizarán distintos símbolos para distinguir elementos importantes dentro del contenido. Estos símbolos son:

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UD010. LINUX

1. DATA

From 03/02/2020 to 23/03/2020. The length of this unit is 3 weeks (24 hours).

2. PREVIOUS KNOWLEDGE

- Unit 5. Fundamentals of operating systems.
- Unit 6. Virtual machines
- Unit 7. Windows administration

3. OBJECTIVES

1. To learn what is Linux.
2. To learn what is a distribution.
3. To learn the different types of licenses.
4. To learn how to install Linux.
5. To learn how Linux calls the devices.
6. To learn how to create several partitions.
7. To learn how to install programs in Linux.
8. To learn basic Linux commands.
9. To learn how to manage users and groups.
10. To learn how to set permissions to files and directories.

4. CONTENTS

It is very important to use this free book about Linux command line ("The Linux command line" http://linuxcommand.org/tlcl.php) as reference.

1. What is Linux.
2. Software licenses.
3. Installation.
4. Applications
5. Users
6. Groups
7. Permissions
8. Main commands

5. ACTIVITIES

The first activity is to install Linux in a virtual machine with custom partitions.

Later you have to investigate about system.

6. RECOMMENDATIONS

This is a large and practical unit. The most important is to get acquainted with Linux. There a few concepts, but you need to practice a lot with them.

It is very important:

- To know the different types of software licenses.
- To install Linux in a custom way.
- To understand the way in which Linux calls devices.
- To learn how to install programs.
- To learn how to manage users and groups.
- To learn how to set permissions.
- To learn basic Linux commands.