

M01TU01: Final Exam (Theory) Help

Practical Exercise 4

- a) Directory
- b) Directory tree
- c) Linux directory structure
- d) Important files and directories.

Practical Exercise 4

- a) IP, Mask, Router, DNS, MAC
- b) DHCP vs Static Configuration
- c) Configuration Files
- d) Main commands

Practical Exercise 5

- a) Size disk prefixes
- b) BIOS
- c) MBR and GPT
- d) Partitions
- f) Questions (Practical exercise 5b)
- g) device files

Practical Exercise 6

- a) Introduction
- b) Traditional Linux access permissions
- c) symbolic vs numeric.
- d) Recursion

Practical Exercise 7

- a) Introduction
- b) bit setuid --> Description and Some Notes
- c) ACL --> Introduction

Practical Exercise 8

- a) Introduction

Practical Exercise 9

- a) Basic ideas.
- b) Signals
- c) Nice value

Practical Exercise 10

- a) sudo --> Description, Some ideas
- b) What is a server?
- c) SysVinit and systemctl
- d) Suspend, hibernate, poweroff and reboot
- e) Standard input, output and error.
- f) Redirection
- g) Pipes

Practical Exercise 11

- a) Partition vs Installing filesystem vs mounting
- b) Disk device files. Disk device files and numbers
- c) Mountpoint
- d) Typical file systems and their identifiers
- e) SWAP

Practical Exercise 12

- a) LVM --> Documentació --> 1.1, 1.2 and 1.3

Practical Exercise 13

- a) Boot process (section 1)
- b) /etc/default/grub and main configuration variables
- c) /etc/grub.d
- d) update-grub
- e) /boot/grub/grub.cfg
- f) grub-install