

Sistemas Informáticos (Computer Systems)

Unit 10. Study guide



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Updated March 2024



UNIT 10. DISK IMAGES

1. DATES

From 11/03/2024 to 24/03/2024. The length of the unit is 2 weeks (16 hours).

2. PREVIOUS KNOWLEDGE

Previous units, specially unit 07 and unit 09.

3. OBJECTIVES

1. To learn what is an image disk.
2. To learn different programs to create image.
3. To learn what is DRBL.
4. To learn the difference among broadcast, unicast and multicast.
5. To learn how to create an image.
6. To learn how to restore an image.

4. CONTENTS

1. Disk Images
2. Programs to make/restore images
3. DRBL
4. Creating image
5. Restoring image

5. ACTIVITIES

1. The main activity is to create and restore an image.

6. RECOMMENDATIONS

This is a short and simple unit. It is a practical unit, so the most important thing is to create an image and restore it on another computer.

It is very important:

- To understand why the creation of images is not a backup.
- To know the different types of communication (unicast, broadcast, multicast).
- To know that it is possible to create images of partitions and full disks.
- To understand the way in which Linux calls devices.