Linux Essentials

Information

This course emphasizes using the command line interface
in Linux environments. This course focuses on basic operations such as working with hard disks, filesystems, files & folders, working with file contents, linux file structure, file permissions, ...

Structure

This course teaches you how to use a Linux CLI. To achieve this we use practical labs & exercises as well as a manual containing some of the most essential commands and use cases. The practical labs follow an authentic case of a Computer Science student named Linus who wants to setup his own Minecraft server.

Goals

After following this course you can:

- Explain some of the fundamental features of a Linux Operating System.
- Install and configure a Linux OS in a virtual environment.
- Use basic commands in a command line interface.
- Use commands with arguments and options.
- Work with hard drives, filesystems, files, folders and paths in a CLI.
- Install, update and remove software.
- Manage users and groups
- manage user, group and file permissions
- Automate simple tasks using basics scripts and OS features.

- ...

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