PROMIS Caroline 2024

# Network tutorial

## Customer specifications

Explain how to install a network of 4 virtual machines with software in English

For a beginner, illustrate with photos

## Skills

- Simple and effective explanations, including potential errors
- Written entirely in English
- Installation of functional virtual network for a company

#### Network project

This tutorial will teach you how to virtually create a network for a company, by connecting 4 machines together and settling them up with useful softwares for employees. You will use your computer as an administrator one, because it will be used to store, launch and set up your virtual network.

#### Table of contents

I- Members presentation

II- Context elements (softwares used, important commands)

III- Network installation steps

- Starting NEmu
- · System and network configuration
  - Users management
  - · Local networks management
  - Dynamic configuration
  - Static configuration
- · Servers install and configuration
  - Understanding how to install
  - Installing softwares
  - Installing OnlyOffice service
  - Installing NextCloud plugins
    - OnlyOffice
    - Splash
    - Calendar
    - Forms
    - Additional plugins
- · Clients install and config

IV- Portfolio

#### Start of tutorial document

### **Tools**

- Markdown (document)
- VSCode (code writing)
- NEmu (creation of machines)