

CYSE 270: Linux System for Cybersecurity

Assignment: Lab 1 – Create a Virtual Machine

Overview

The goal of this lab is to guide you through the process of installing the operating system that you will use for the remainder of this course.

Task A Create a Linux VM

1. Install Ubuntu OR Kali Linux VM in Oracle Virtual Box.
 - a. You can choose to install either Ubuntu or Kali Linux as your virtual machine (VM) operating system.
 - b. I have published a demonstration on how to install Ubuntu. You can find the PDF file under Module One or access it [here](#).

Note: During the VM creation process, you can allocate different amounts of memory and CPU cores depending on the hardware configuration of your physical computer.

Task B: Command Practice

Once you have installed the Ubuntu VM, follow these steps:

1. Open the terminal in your Ubuntu VM.
2. Execute the following commands and briefly explain what each command does:
 - a. echo "your_name" (replace "your_name" with your actual name)
 - b. date
 - c. ls
 - d. pwd

