# Lab 2: Virtualization

## Introduction to Cyber Security

**Date: November 24, 2025**

# 1    Introduction

This lab is little bit different. You need to download virtual machine and capture one file. No report needed, only submit seed, filename and file content on canvas.

# 2    Recommended Virtualization Software

Here are some virtualization software options you can use depending on your operating system:

- **macOS:** Parallels Desktop, VirtualBox, QEMU

- **Linux:** VirtualBox, QEMU/KVM, GNOME Boxes

- **Windows:** VMware Workstation Player, VirtualBox, Hyper-V

These options are user-friendly and widely used for running virtual machines.

# 3    Steps

Go to `https://bofh.host:4334/labs` and click on lab2 - generate. It will give you zip file about 1.5 GB. Write down seed that appears on web page when you click on generate, you need it later for submission.

Unzip the file. You will get big virtual machine image about 21.5 GB with extension `.qcow2`. You need to research how to convert it to format your virtualization software can run. Start image on your environment.

Login with username: master and password: `icybSnowBoard2023!?`

After login, you will see one file in master's home directory. Read content of this file.

Then go back to `https://bofh.host:4334/labs` and click on verify, input seed you wrote down, filename without `.txt` and file content. This will verify your solution, once you confirm your solution is correct you can upload it on canvas (see expected format for upload in text below).

No need to write any report. Only submit required three things on Canvas: seed, filename, file content. Canvas has text field for submission. You are expected to submit in following format: seed;filename;file content

# 4    Notes

Make sure your VM working, you can open file. Follow steps carefully, otherwise verification will fail. Lab is small but careful attention is needed.

Best of Luck! - Milan