

# Internship Assessment 2: Setting up Hacker Lab(Metasploitable)

Prepared by: Alok Kumar Singh Date: 5/03/2024  
Client: h1k0r

Week 2.

## Introduction

Metasploitable is a virtual machine pre-loaded with vulnerabilities, designed specifically for ethical hackers and security professionals to practice their skills in a safe environment. This machine is built intended to learn about the attacks and the vulnerabilities which can come to deal in a real world environment.

## Report-

These are the following steps taken to complete the assessment.

### Step1- **Download the Metasploit file from**

<https://information.rapid7.com/download-metasploitable-2017.html>Step2-

Unzip the file.

### Step2-**Open VirtualBox and create a new VM:**

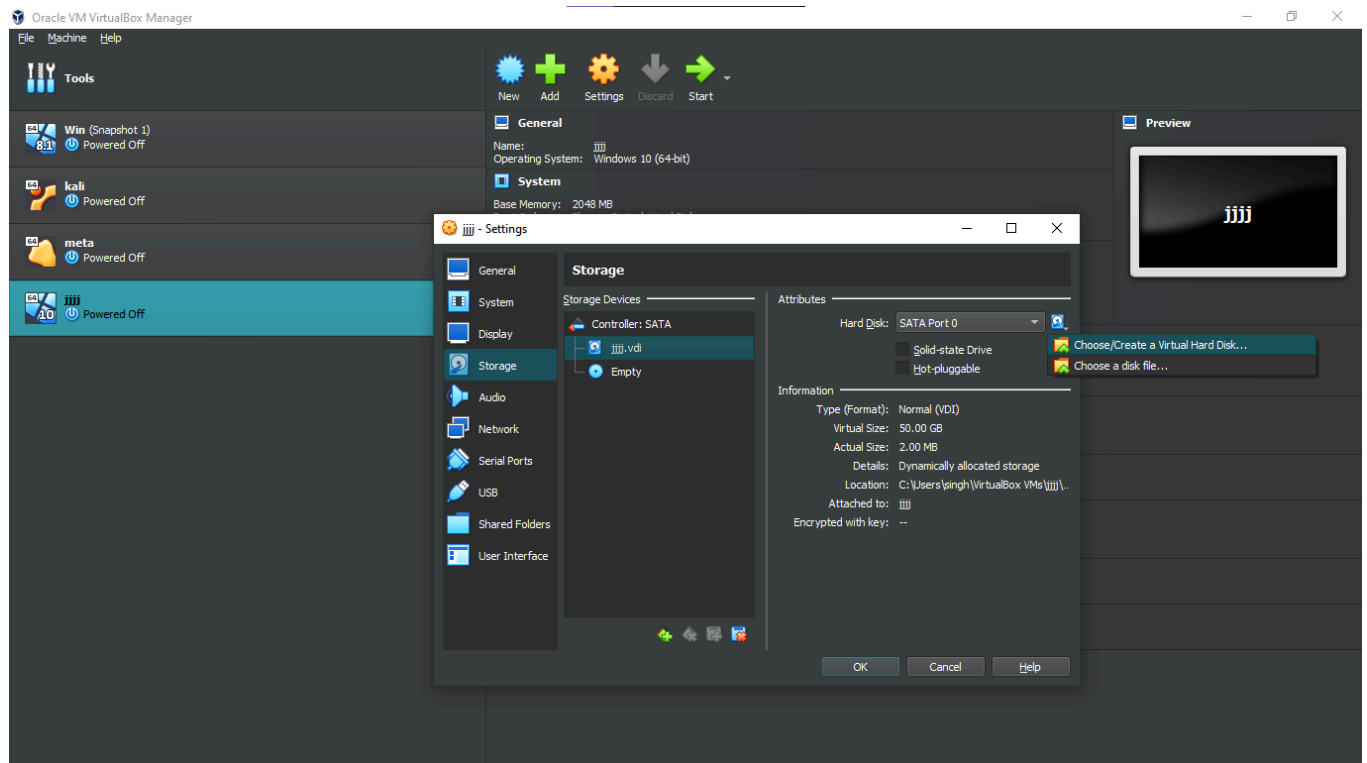
Launch VirtualBox. Click the "New" button to create a new virtual machine.

### Step3- **Configure VM settings:**

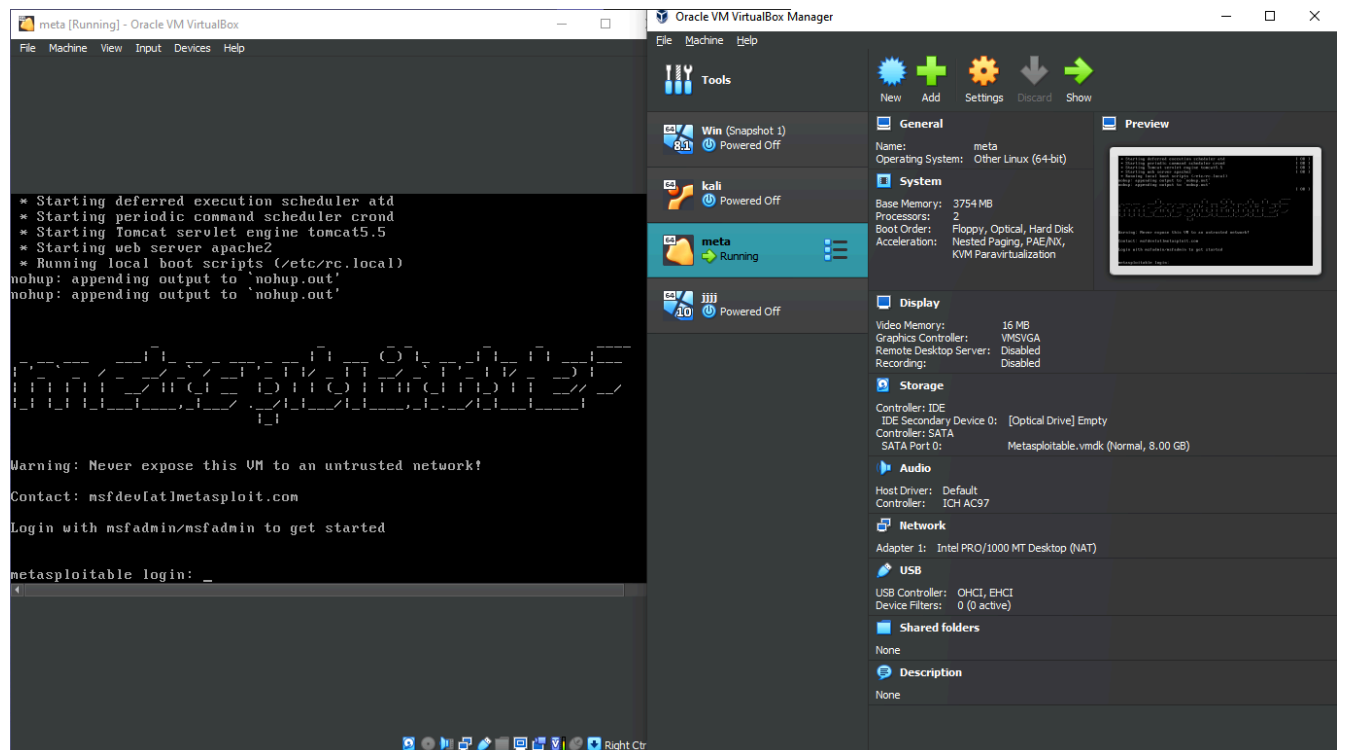
- Choose the name of the VM and the Type- Other linux 64 bit.
- Then click next and adjust the hardware requirement for the VM and the space needed for the virtual hard disk.
- Then finish the setup.

### Step4- **Adding Metasploitable file in the VM which we have created.**

- Choose the machine which has been recently created and then select settings.
- Go to the Storage section and choose the SATA file and choose the meta file from your system and install it.



Step 5- Now click on the Meta Machine and start the machine it will run.



## Conclusion-

A virtual machine (VM) is a digital version of a physical computer. Virtual machine software can run programs and operating systems, store data, connect to networks, and do other computing functions.

Metasploitable is a tool which consists of many vulnerabilities and is used for the training and skill enhancement purpose and used to get understanding of the attacks that happen and what can be loopholes and mentors of doing it.