

49th Security Division

Education Night (HTB)

Who Am I?

- blackmanta (on slack)
- Graduate Student
- Competition Enthusiast
- Linux



Announcement

- NCL Registration open February 10th
- Competition Team
 - Friday's at 3:00 pm to 5:00 pm
 - Saturday 12:00 pm to 2:00 pm
- Lab Hours
 - #Lab Channel for specific times or requests
 - Monday, Tuesday, Thursday, Friday (Time's posted in Slack)

Maybe an Intro?

- *“A lot of hacking is playing with other people, you know, getting them to do strange things.*

- Woz”

- Hacking vs. InfoSec
- Where do I get started?
- What if I don't understand what you are talking about?

Structing Classes Around HTB

- **Research is Required for all machines**

Schedule

- The art of Recon
- That networking thingy
- Teach me to exploit... well kind of
- Getting started with Linux
- Getting started with Windows

What can we
learn?

- Forms of ethically hacking (NIST NICE Framework)
 - Defending (Blue team)
 - Network Engineer
 - Analyst (many forms)
 - Architect
 - Etc.
 - Pentesting (Red team)
 - Exploit developer
 - Application tester
 - Etc.
 - Mixture
 - Reverse Engineering
- Why Hack the Box?

The basics

- What do you need?
 - VM
 - Maybe some tools but a methodology is better
 - OpenVPN for lab access

Install Virtualbox or Vmware Workstation

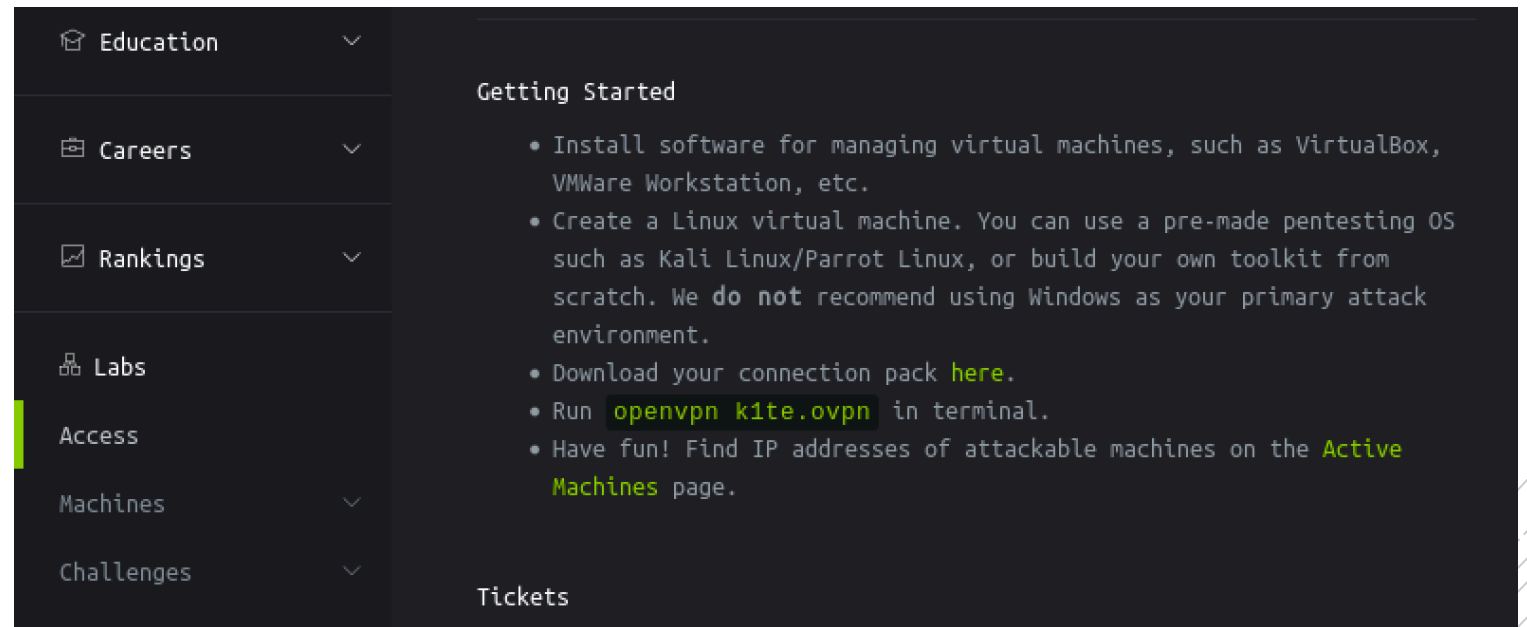
- Free VMware licenses through the [school](#)
- Kali VM images
 - [Virtualbox](#)
 - [Vmware](#) (Recommended)

VM Configuration

- Hardware
 - 25 GB of Storage
 - 4 GB of RAM (4096)
 - 1 CPU (2 if generous)
- Usable essentials
 - Guest additions for VirtualBox
 - (vmware) apt-get install open-vm-tools

Getting Started with Hack the Box

- <https://hackthebox.eu>
- [Hack the Box Intro](#)
- **Configure Access (OpenVPN)**
 - Select the Access tab in <https://hackthebox.eu>
 - View Getting Started





Lets Go Live