CodePath

Week 7

CS 4760 F18
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Codepath Homework

Lab report 10/21 @ 11:59 PM

- Penetration Testing with WordPress

- Submitted on **Collab**

- **This includes submitting the assignment on CodePath in "Assignment"**

Topics

Week 7

Readings on course website

- PHP

- SQLI

- XSS

- Clickjacking

- Session Hijacking

- Other attacks

Installation

- **VirtualBox**
  - You also need the **Extension Pack** as well
  - Make sure that the versions of VirtualBox are the same
- **Vagrant**
  - Vagrant plugin: **vagrant-hostsupdater**

Vagrant

- Allows scripting of VM creations
- Running "vagrant up" can take a bit of time (~5 min)

Debian
32-bit | 64-bit

Windows
32-bit | 64-bit

Centos
32-bit | 64-bit

Linux
64-bit

macOS
64-bit

Arch Linux
64-bit

Installation Notes

- You are going to be installing the following on your **host** machine
    - VirtualBox w/ Extension Pack
    - Vagrant
    - WPDistillery

Installation

- **WPDistillery**
  - Establishes WordPress pentesting environment
  - Use Git to clone via Command Prompt/Terminal
  - https://github.com/flurinduerst/WPDistillery

Important Notes

- Necessary to read through everything on the CodePath website carefully
- Start early, some of you **will** encounter technical difficulties
- Windows users must run everything as an administrator
- Document as you go
 - In case you make a mistake

Important Notes

- If you plan on using the course's copy of Kali…
  - You need to run: `apt-key adv --keyserver hkp://keys.gnupg.net --recv-keys 7D8D0BF6`

Important Notes

- If you plan on using the course's copy of Kali...
  - `apt-get update && apt-get upgrade`
    - This will take some time
  - https://guides.codepath.com/websecurity/Running-Kali-Linux-in-VirtualBox

Important Notes

- If you plan on using the course's copy of Kali…
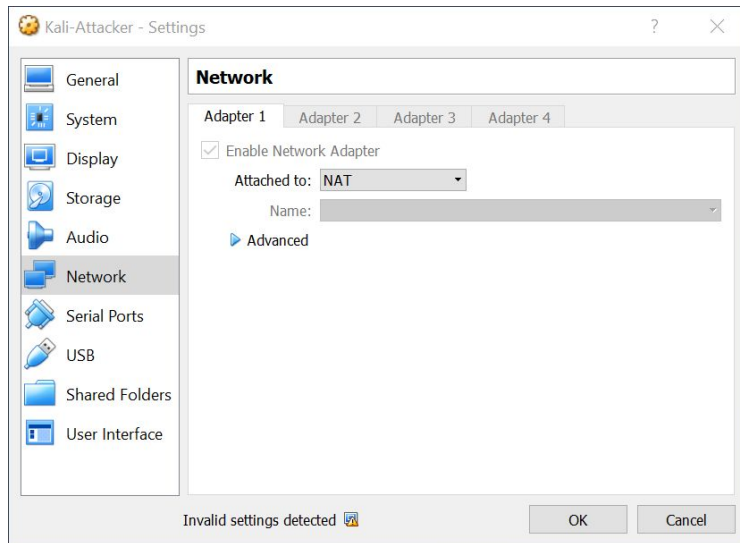
Lab Report

- Walkthrough of Challenge 7 in the Lab
  - The lab serves as a prerequisite for the assignment
- Make sure to submit a PDF in the format as described in the write-up
- Try and solve all technical issues you encounter (make sure to document these)

CodePath Assignment Submission

- Following the submission guidelines
  - https://courses.codepath.com/courses/cybersecurity_university/pages/submitting_assignments
- You need to create a public repo with your GitHub account you used to sign up for CodePath
- Read all directions/requirements carefully

Office Hours

Monday / Thursday / Sunday : 5 - 7 PM @ Rice 226