WAPH-Web Application Programming and Hacking

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Student

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Figure 1: Lakshma Reddy Bandi

Lab 0 - Development Environment Setup

Overview

For the Lab0 submission, I have completed the Ubuntu VM in the UC sandbox under the Web Application programming and Hacking EECE course. Then the required software like apache2, git, sublime text and pandoc were installed using the git commands. Further in the VM installed the chrome browser. Within the github.com account created a private repository waph-bandild, and shared it with the instructor and TA as mentioned. After this, cloned the repository to the local. Then the README.md file was modified along with performing the Lab0 exercises. This report was written in the Markdown Format then this report PDF was generated using the pandoc tool within the VM.

The lab's overview

Write an overview of the lab.

Also, include a direct clickable link to the lab folder on GitHub.com so that it can

be viewed when grading, for example, https://github.com/phungph-uc/waph-bandild/tree/main/labs/lab0.

Part I - Ubuntu Virtual Machine & Software Installation

Step1: Open and logged into the UC sandbox. Step2: Clicked on REQUEST under Web app programming and hacking EECE VM. Step3: After the VM deploment, opened the VM terminal and perfomed the key -tool command to get the IP address then, in the remote console installed the required apache2, git and pandoc, a successful Ubuntu 22.04 VM was estamblished.

Apache Web Server Testing
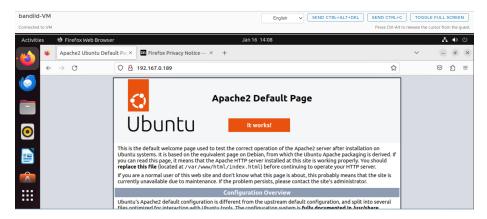
The Apache2 was tested with the IP address

Figure 2: Apache2 Web server testing

Part II - git Repositories and Exercises

The course repository

The GITHUB repository for the course

Private Repository

First logging into the github account and create the new repository then clone the private repository into virtual machine by using SSH keys this ssh is generated in the vm by using ssh commands. Then performs some git commands and genarated the pdf by using the pandoc key and named as lab0.pdf
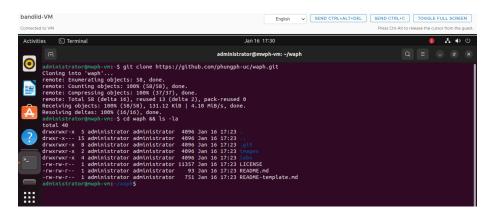
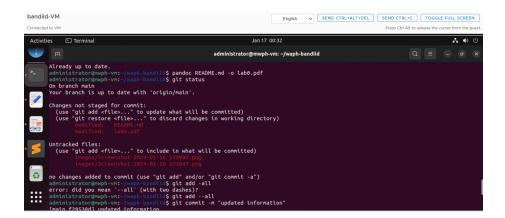Figure 3: Github repository for the web application programming and hacking phunpgh-uc/waph

Figure 4: Respository changes pushed