

WAPH-Web Application Programming and Hacking

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Student

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Short-bio: Amit Gaddi has keen interests in IT.



Repository Information

Repository's URL: <https://github.com/gaddiat/waph-gaddiat.git>

This is a private repository for Amit Gaddi to store all code from the course.
The organization of this repository is as follows.

Labs

Hands-on exercises in lectures

- Lab 0: Development Environment Setup

Lab 0 - Development Environment Setup

Overview

This lab is covered in Lecture 2, with preparation homework in Lecture 1. In Part I, you need to deploy an Ubuntu 22.04 Virtual Machine on the provided online environment and install software and applications. In Part II, you will clone the course repository and your private repository and complete git exercises to write the report.

Report

Created a sub-folder `labs/lab0` with a `README.md` file to write the report in Markdown format and generated the report to PDF using the `pandoc` application.

The lab's overview

In this lab we have covered setting up softwares in the Ubuntu Virtual Machine and setting up git repository in the Virtual Machine and performing git operation on our private repository

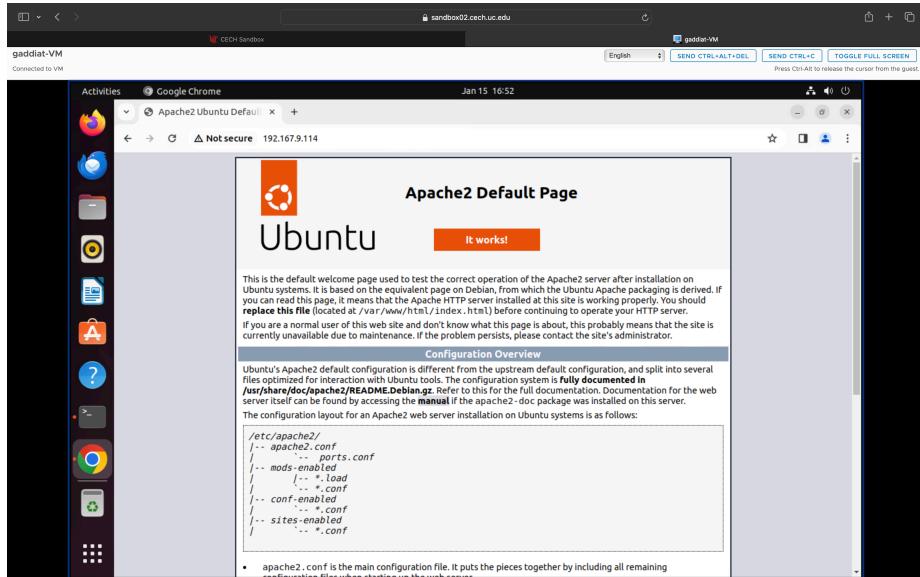
<https://github.com/gaddiat/waph-gaddiat/tree/main/labs/lab0>

Part I - Ubuntu Virtual Machine & Software Installation

Steps- 1,Opened the sand box 2,Deployed my virtual machine 3,Installed the softwares required as in the pdf shared using apt command.

Apache Web Server Testing

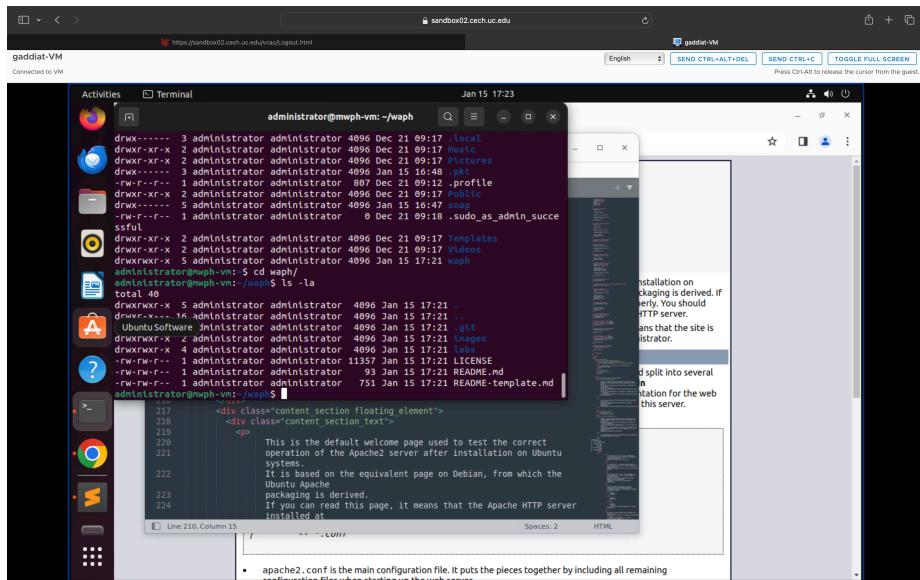
After installing the Apache sever 2, finding out my ip address and using it in the browser to check Apache server



Part II - git Repositories and Exercises

The course repository

Using git commands and ssh cloned the repository.



Private Repository

Created a private repository from the github website.

<https://github.com/gaddiat/waph-gaddiat.git>

First created SSH using the ubuntu terminal and then using the SSH code clone the repository in the machine. performed changes on README markdown file.

The screenshot shows a terminal window titled "administrator@mwh-vm: ~/waph-gaddiat". The command entered was "git log --oneline". The output displays the following commit history:

```
(use "git restore <file>..." to discard changes in working directory)
modified: README.md

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Images/
no changes added to commit (use "git add" and/or "git commit -a")
administrator@mwh-vm: ~/waph-gaddiat$ git add -all
administrator@mwh-vm: ~/waph-gaddiat$ git commit -m "modified README file"
[main 449ea4c] modified README file
  2 files changed, 1 insertions(+), 2 deletions(-)
  create mode 100644 Images/Pic1.jpeg
administrator@mwh-vm: ~/waph-gaddiat$ git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7) done.
Delta compression: 100% (7/7)
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 883.91 KB | 16.68 MB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:gaddiat/waph-gaddiat.git
  85cf4d6..449ea4c  main -> main
administrator@mwh-vm: ~/waph-gaddiat$
```

Below the terminal window, a message box says "team Project".

At the bottom of the screen, there is another terminal window titled "gaddiat-VM" showing a GitHub repository page for "gaddiat/waph-gaddiat". The repository has 1 branch and 0 tags. The README file is shown with the content "modified README file". The repository has 3 commits, 0 stars, 0 forks, and 1 watching.

Submission

Used the pandoc tool to generate the PDF report for submission from the README.md file, and ensure the report and contents are rendered properly.

The PDF file should be named `your-username-waph-lab0.pdf`, e.g., `phungph-waph-lab0.pdf`

I have used the ‘`pandoc -f markdown-implicit_figures README.md -pdf-engine=xelatex -t latex -o lab0.pdf`’ command to generate by pdf as I was getting an error.