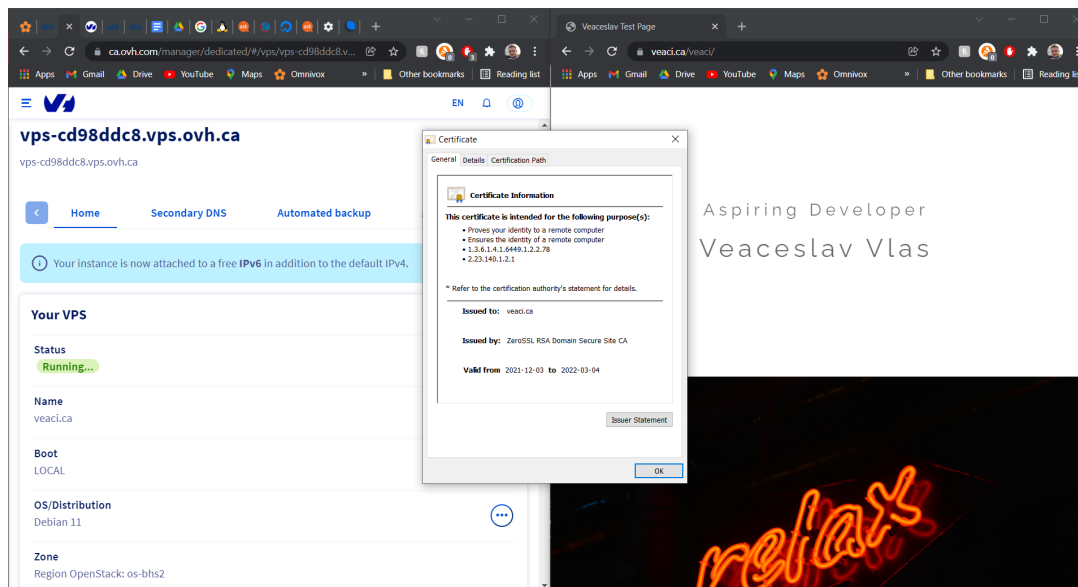


420-321-VA (TR) Unix
Section: 00003
Fall 2021

Teacher: Sakkaravarthi Ramanathan
Team members: Danich Hang,
Madalina Turcan, Veaceslav Vlas

Final Project Report



Website Hosting on VPS (Debian 11) & DDos

<https://veaci.ca>

<http://142.44.160.199/>

Project description:

The main purpose for our final project consists of learn how to perform and prevent a DDoS (Distributed Denial of Service) attack. In this type of attack, the attackers send multiple requests to a targeted web resource with the intention of preventing the website from functioning correctly. To do so, we will be using several bash commands against a live server that we will host. Furthermore, we will also implement a Flood attack from multiple IP addresses against our personal live server. Afterwards, we will try to stop this attack by detecting those IP addresses and rejecting them.

Links:

Git:

<https://github.com/vlasslavic/unix-final-project>

Presentation:

<https://docs.google.com/presentation/d/1du0agrUWPdMyLve1tal4xec8PqJRTELCFLkrh1PkUiw/edit>

DDoS tools:

<https://github.com/MHProDev/MHDDoS>

<https://github.com/gkbrk/slowloris>

Log:

1-12-2021 Veaceslav Part I

2-12-2021 All Team member Part II, Part IV

3-12-2021 Madalina, Danich Part III

4-12-2021 All Team member Report

7-12-2021 Veaceslav Domain+SSL

10-12-2021 All Team member DDoS

Screenshots:

Server

Users

SSH settings

SSL

DDoS

<https://github.com/vlasslavic/unix-final-project>