**9/7-**

**Accomplishment:**

-Managed to install centos 7 on VMware

**Challenges:**

- Couldn't get VMware to run vms properly, had to use oracle VM

**9/14-**

**Accomplishments:**

-Installed Raspbian on the rasberry pi and got acquainted with the system.

**Challenges:**

-SD card for the raspberry pi became corrupted and had to get it replaced

- Going to install Debian Server on my pc as a second virtual machine.

**9/21**

**Accomplishments:**

**-**Found the System Files on the Debian and centos server.

**Challenges:**

**-**Couldn't figure out how to get NAT networking working properly on VirtualBox

          - Getting started Users Management lab

9/28

**Accomplishments:**

-Added groups and users into the servers using a script

**Challenges:**

          - Couldn't get the script to work properly on the Pi server, needed to update it.

10/5

**Accomplishments:**

 -Turned in the grep lab

           -got started on sed & awk

**-**Added a little more to the user add scripts, started on the documentation

**Challenges:**

          - Forgot most of my regex knowledge. Need to redo some exercises.

10/19

**Accomplishments:**

**-**Began uploading files to GitHub

           -Turned in Sed & awk lab, feel a bit more comfortable with awk after this lab.

**Challenges:**

          - Will continue finishing my user add script documentation

          -Having a good Midterm presentation

10/26

**Accomplishments:**

**-**Felt I did a great job on the midterm, got good responses from the crowd

**Challenges:**

          - Falling behind on labs, need to pick up the pace and make some up

11/2

**Accomplishments:**

**-**Changed the second server into an ubuntu server for more ease

**Challenges:**

          -migrating all files from the pi to the ubuntu server

11/9

**Accomplishments:**

           -Got COSWAY and lol cat to work with no issue

**Challenges:**

          - Tmux glitch out on my server but a reset fixed it.

          -Cowsay and lolcat don't seem to change color, might be because of the minimal OS

11/16

**Accomplishments:**

**-**Submitted the continued setup lab

           -Almost done with the networking lab, need to try the script on the ubuntu server

**Challenges:**

          - Continue working on the firewall lab and make progress on it

             -Splunk videos are lengthy

          -Don't know how to begin the security labs

11/23

**Accomplishments:**

           -Installed lynis and trying to figure out how it works

**Challenges:**

          -Don't have any containers installed on the server so don't know how to do that part

          -OpenVas did not want to setup properly on my server, kept on stopping mid-setup

11/30

**Accomplishments:**

           -Finished the first Splunk fundamentals course

 -started work on the portfolio presentation

**Challenges:**

          - Finishing the remaining labs with the short time remaining

12/7

**Accomplishments:**

**-**bad weather gave me more time to time to work on assignments

**Challenges:**

          - finishing all the remaining labs while also getting ready for finals

          -Making a good final portfolio to present