

Summer Bootcamp Homework 4

Linux Week

Initial Set Up

- Connect to the [Global Protect VPN](#)
- Navigate to [gonk.sdc.cpp](#) and open the console for the Linux VM (cd-su-linux) in the pod we deployed last week
 - user:bruh, root:bruh

Questions

Answer the following questions (use the Linux VM to test if needed)

1. What commands do we use to create users and add them to a group?
2. What are the 3 chains used in iptables?
3. Craft a one-line command that outputs all usernames (no service users) into one file!
 - a. HINT: we covered this in our presentation!
4. **BONUS:** Given the output file created by the command above, how can we write a one-line command to change all of their passwords to the same phrase?

Lab

Complete the following tasks on the Linux VM

1. Install and set up a website using Apache (apache2)
 - a. You do not need to have anything fancy on the site, but it must be accessible from your host!
2. Install and set up a MariaDB OR MySQL database
 - a. Create a database and a table with at least 3 columns
 - b. Populate the table with at least 3 rows of data

3. **BONUS:** Try to set up the website so that it displays the table from your database!

Deliverables

In a single PDF:

1. Answers to the questions above
2. Documentation of how you completed the lab tasks