



Session 2 Worksheet - Introduction to Linux

Don't have a linux machine? Use this online terminal

<https://bellard.org/jslinux/vm.html?cpu=riscv64&url=fedora29-riscv-2.cfg&mem=256ca>

Question One

Using the terminal find out what processes are running. Find out the command to search for a process based on its port number. If running the process on your own machine, open a program such as Firefox, find out its process name and end the process (you should see the window close).

Question Two

Explore Linux file permissions in a capture the flag scenario! You'll need Docker for this exercise, so either download Docker or use this website:

<https://labs.play-with-docker.com/#>

Once you are in an environment with Docker, run the following command:

```
docker run --rm -it thelostlambda/perm-puzzle
```

Once that gives you a shell, look for a file with UID 1000 and the group root, then good luck!

Want more practice ? More beginner Linux questions here:
cmdchallenge.com

Bandit Continued...

Try to complete the rest of the challenges at
<https://overthewire.org/wargames/bandit/>

Answers to be released next Monday