

Objective 1:

- Used a multithreaded SSH brute force program from:
<https://github.com/calc1f4r/SSH-Bruteforcer/blob/master/multithreaded-ssh-bruteforcer.py>
- Figured out the password was: 3220

Objective 2:

- We opened Wireshark with the given .pcap file and looked at line 3220 to find out the filepath of the topo.py file
- Filepath: /home/ubuntu/tmp/3/2/1/topo.py
- In the Wireshark capture, we found in the OFPT_FEATURES_REQUEST had the source IP of the controller of: 10.224.77.119

Objective 3:

- To connect Mininet to the Floodlight controller this is the command we used:
 - `sudo mn --custom topo.py --topo=mytopo --controller=remote,ip=10.224.77.119 --switch=ovsk,protocols=OpenFlow13`
- First to find our specific switch DPID, we used the command:
 - `sudo ovs-ofctl show s1 -O OpenFlow13`
- Then we used the CURL command to obtain the port stats:
 - `Curl`
`http://10.224.77.119:8080/wm/core/switch/00:00:00:00:00:27:65:15/port-desc/json`