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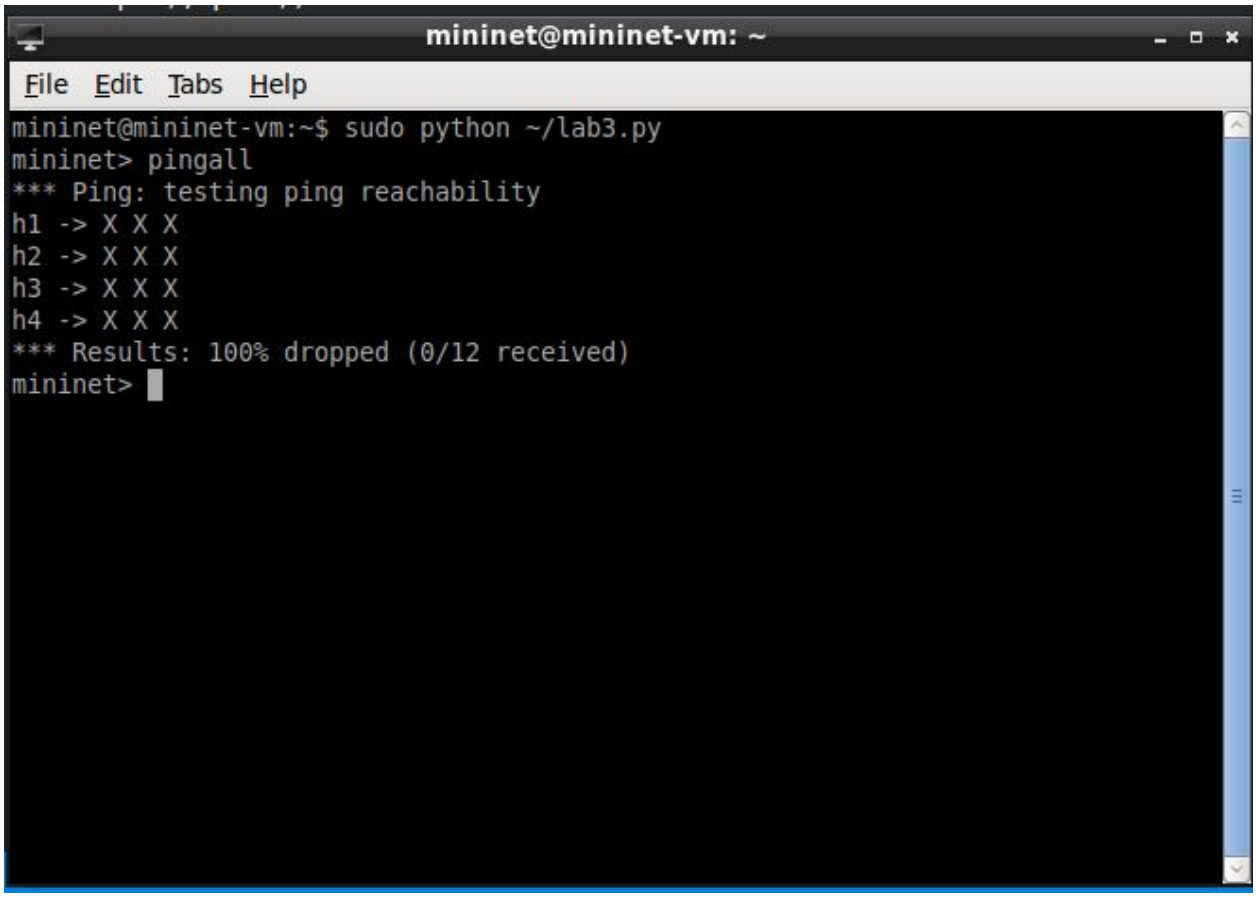
CSE 150: Computer Networks
Chen Qian
November 18, 2019

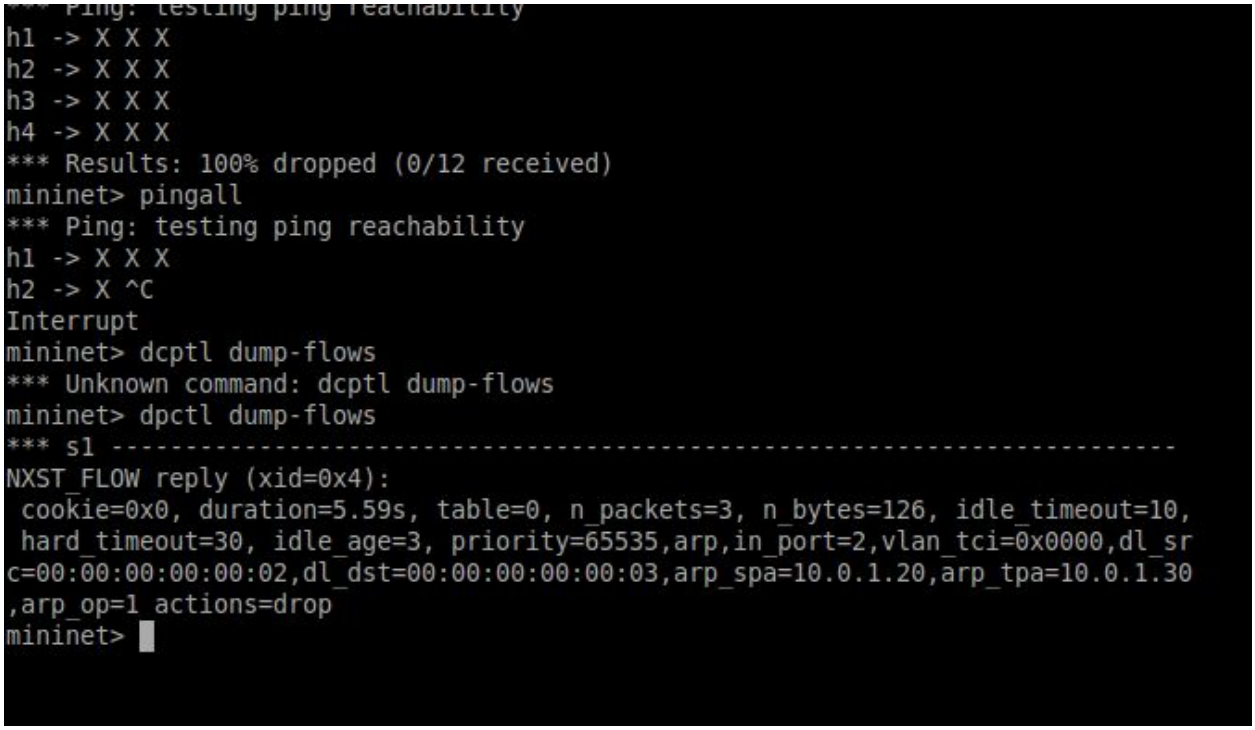
Lab3

1)



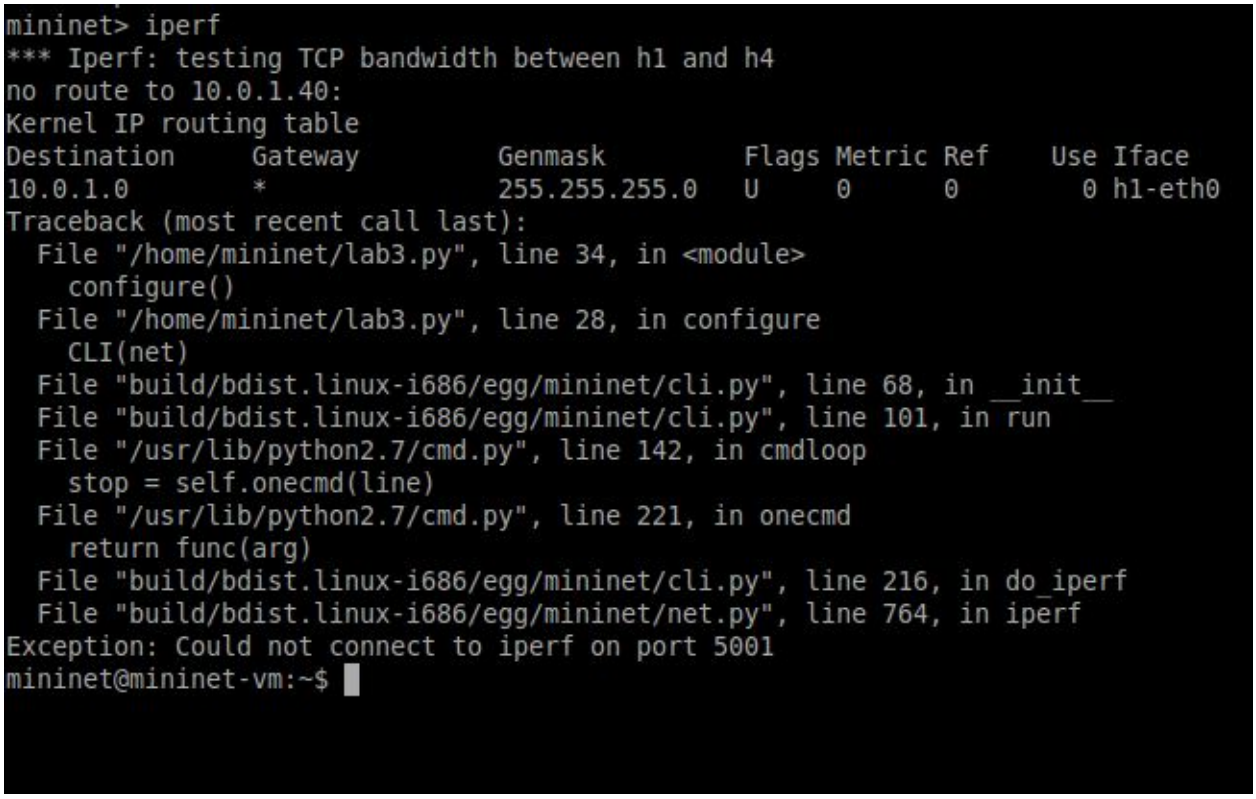
- This code shows all 100% of the packets were dropped and 0/12 were received. Meaning whenever the firewall came across an ICMP packet or packet that was NOT of type “arp” or “tcp and ipv4” then the packets would be dropped. When I ran the code “pingall” it took over 2 minutes to test for all 4 hosts which is natural because of all the packets being dropped and the flooding.

2)



- The “dpctl dump-flows” command was called after interrupting the pingall test and once I called dump-flows, it returned to me all the entries that were not timed out.

3)



- I ran iperf but the terminal said it was not able to connect to port 5001 and failed. I believe the reason it failed was because my code was not good enough and I wasn't able to find the right way to connect the iperf to port 5001.