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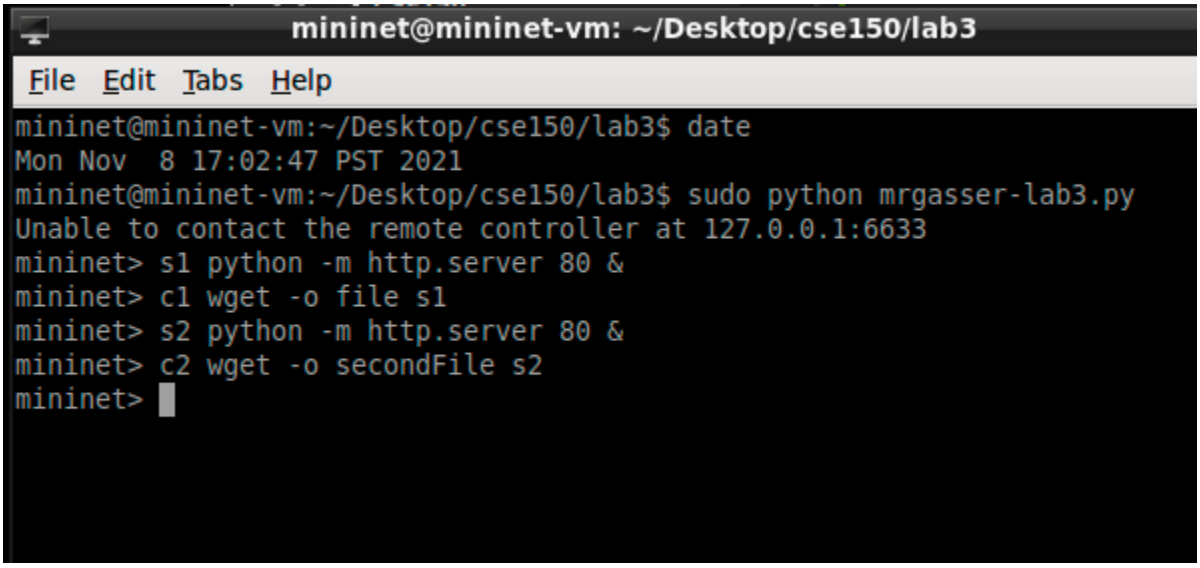
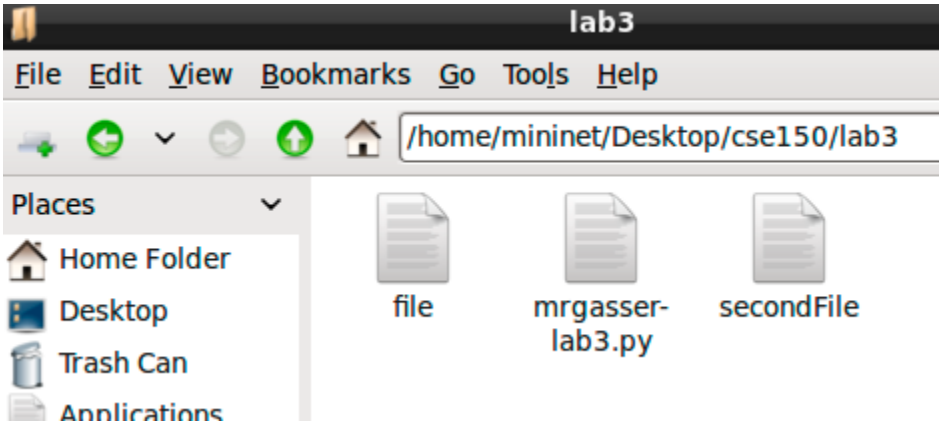
Cse150
Lab 3

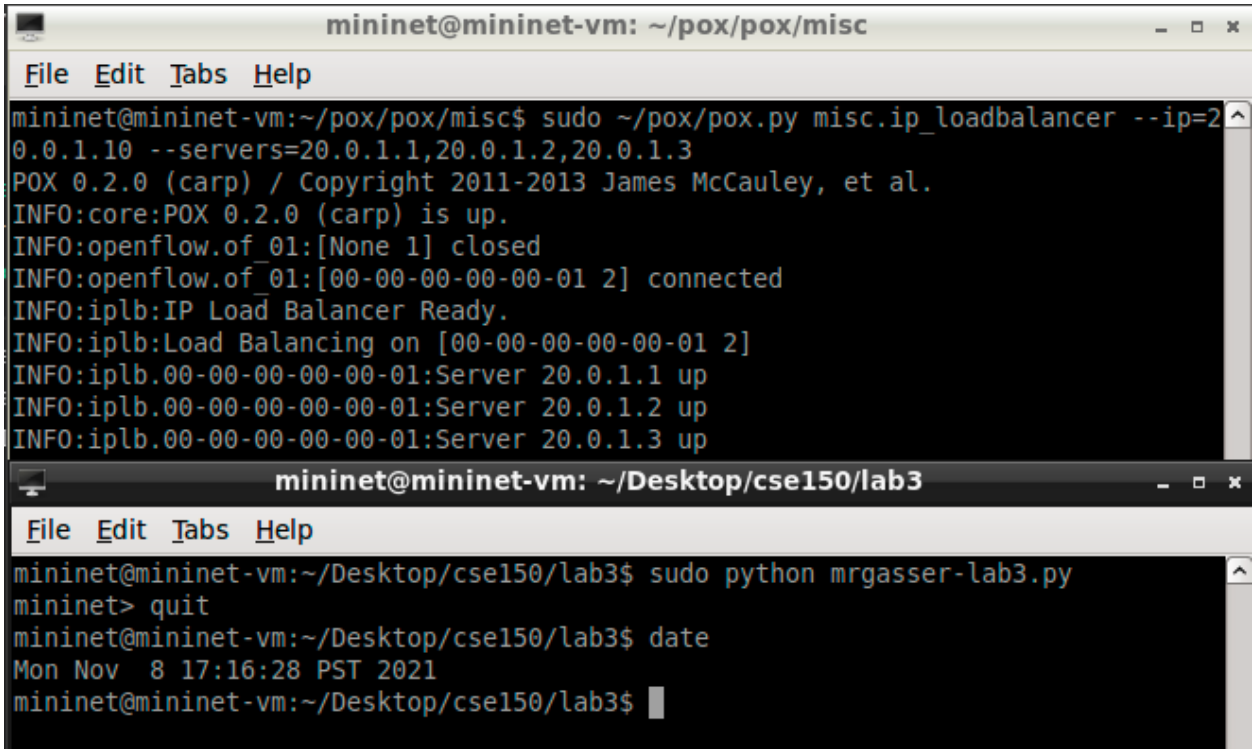
1. In mrgasser-lab3.py

2. Commands can be found in the screenshot

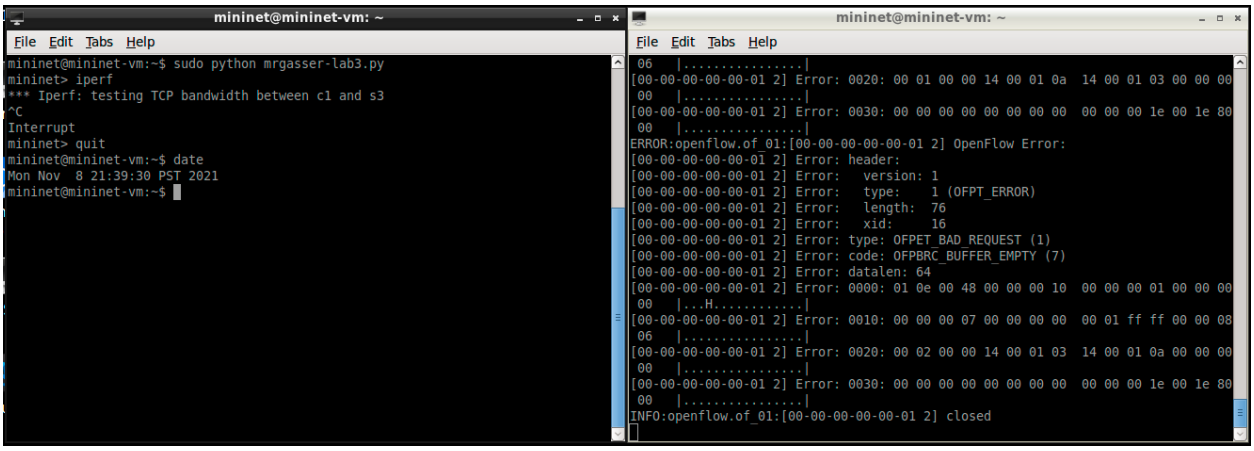


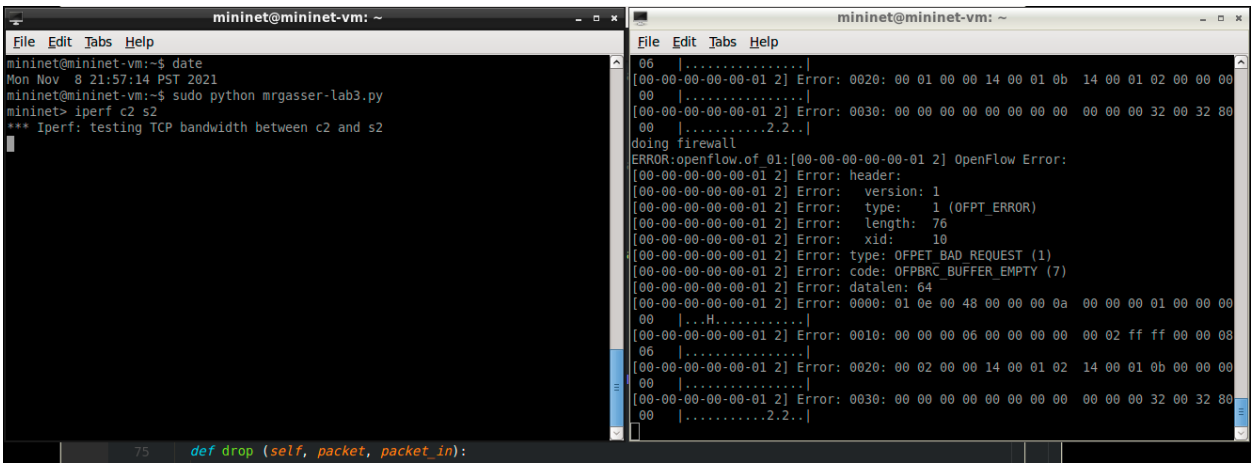


3. What the output is describing here is that the client is connected and the IP is up and running along with the three servers. The client is also connected to the three servers as the load balancer is balancing the load across all 3 servers.

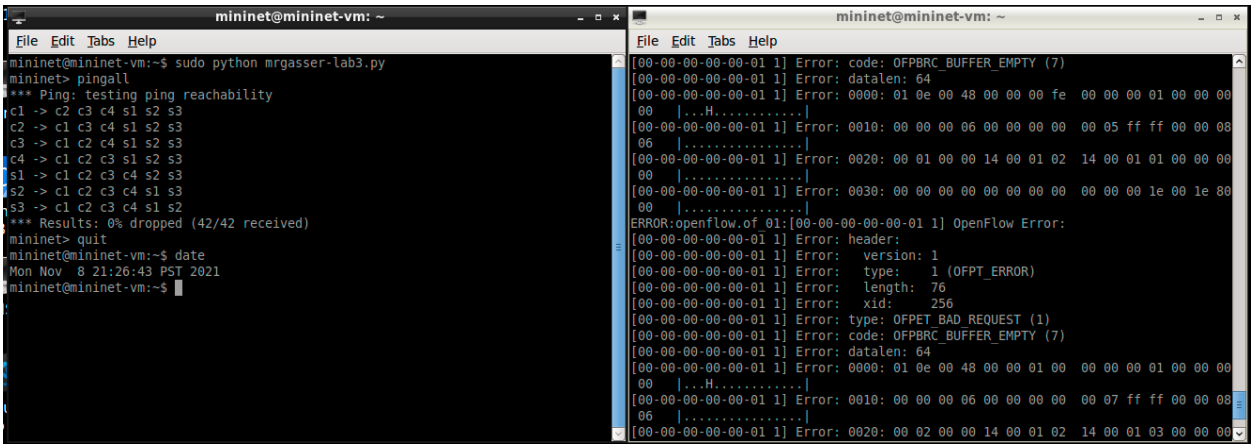


4. Running iperf between c1 and s3 seems to just drop all of the packets and report open flow errors from the controller. This is probably the case since iperf uses TCP and we drop all tcp packets other than those from s1 to c1 and s2 to c2 The controller seems to be reporting some sort of open flow error that has to do with the requests being bad, per the OFPET_BAD_REQUEST. I found somewhere on the internet that this may mean the version of openflow my switch is using is not supported. Just like with the first iperf messages between c2 and s2 will be getting dropped if they originate from c2 thus the connection can never be made.





5. From using pingall I expect every host to send packets through the switch to all other hosts connected. In this case that occurred. I also expect none of the packets to be dropped or lost since TCP is not being used in this case and it is insead icmp which all packets are accepted.



6. The command to modify switches is config, this allows for someone to set rules for the switch to follow. For modifying the amount of time an entry stays in the switch you can change the delay values to be longer so that packets remain there waiting for longer.