

## Code Summary HW7:

First, I flushed out all the previous rules and deleted old chains with -F and -X. For the second step, I used the nat table and postrouting to masquerade the source ip to the local. For the third step I changed the input chain to drop all packets from yahoo.com. After, I blocked all other hosts from pinging my machine using echo-requests. Then, I found an unused port (900), set it up for connection, and then used port forwarding to tunnel it to port 22. Similarly, I configured port 22 so that it only allows ssh from the engineering.purdue.edu domain, and dropped packets from all other hosts. Lastly, I set the limit to 30/minute after 60 connections have been made, and drop all packets that did not get caught by any of the rules above.