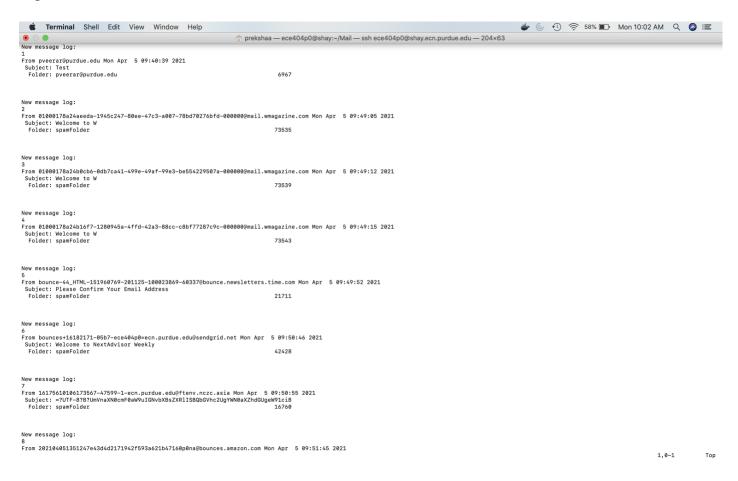
ECE 404 HOMEWORK 9

Logfile entries:



Firewall404.sh:

#!/bin/sh

#####

Homework Number: 9

Name: Prekshaa Veeraragavan

ECN login: pveerar

Due Date: April 05, 2021

#####

#flush previous rules and chains sudo iptables -t filter -F sudo iptables -t filter -X

#change source IP address sudo iptables -t nat -A POSTROUTING -j MASQUERADE

#block all new packets from yahoo.com sudo iptables -A INPUT -s yahoo.com -j DROP

#block being pinged sudo iptables -A INPUT -p icmp --icmp-type echo-request -j DROP

#port forwarding sudo iptables -t nat -A PREROUTING -p tcp --dport 5001 -j DNAT --to-destination 22

#allow ssh access sudo iptables -A INPUT -s engineering.purdue.edu -j DROP sudo iptables -A INPUT -p tcp --destination-port 22-j ACCEPT

#limit connection to 30 per min sudo iptables -A FORWARD -p tcp --syn -m limit --limit 30/m -limit-burst 60 -j ACCEPT

#drop any others sudo iptables -A INPUT -p all -j REJECT --reject-with icmp-host-prohibited