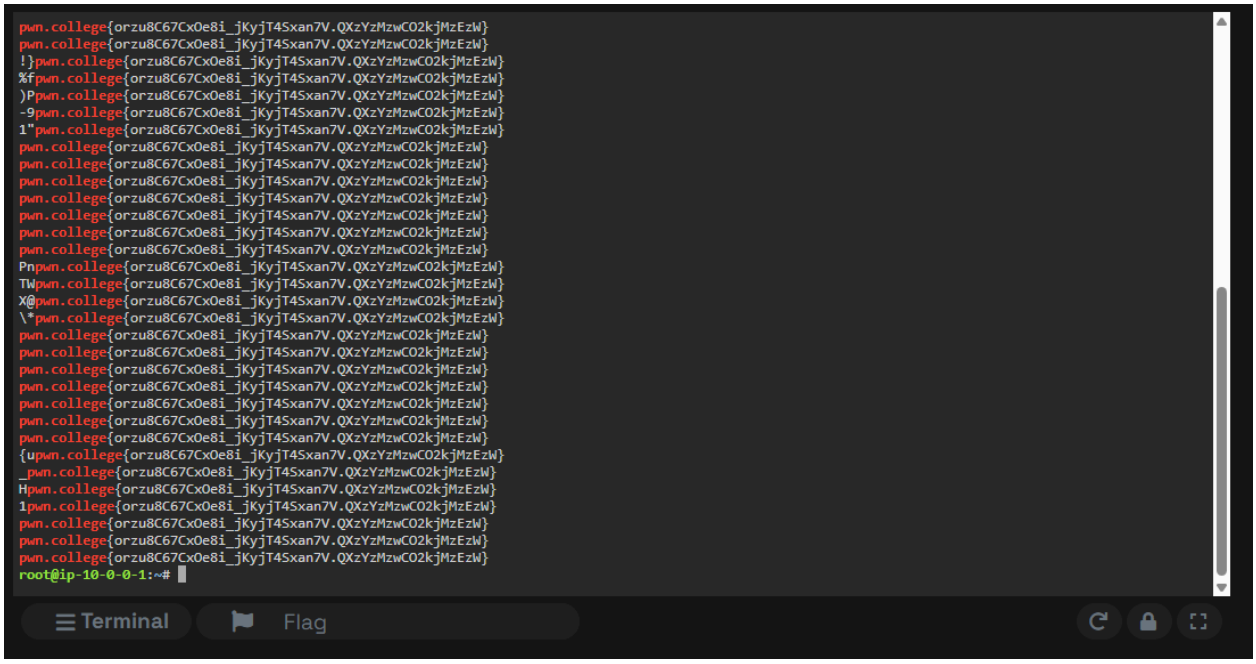
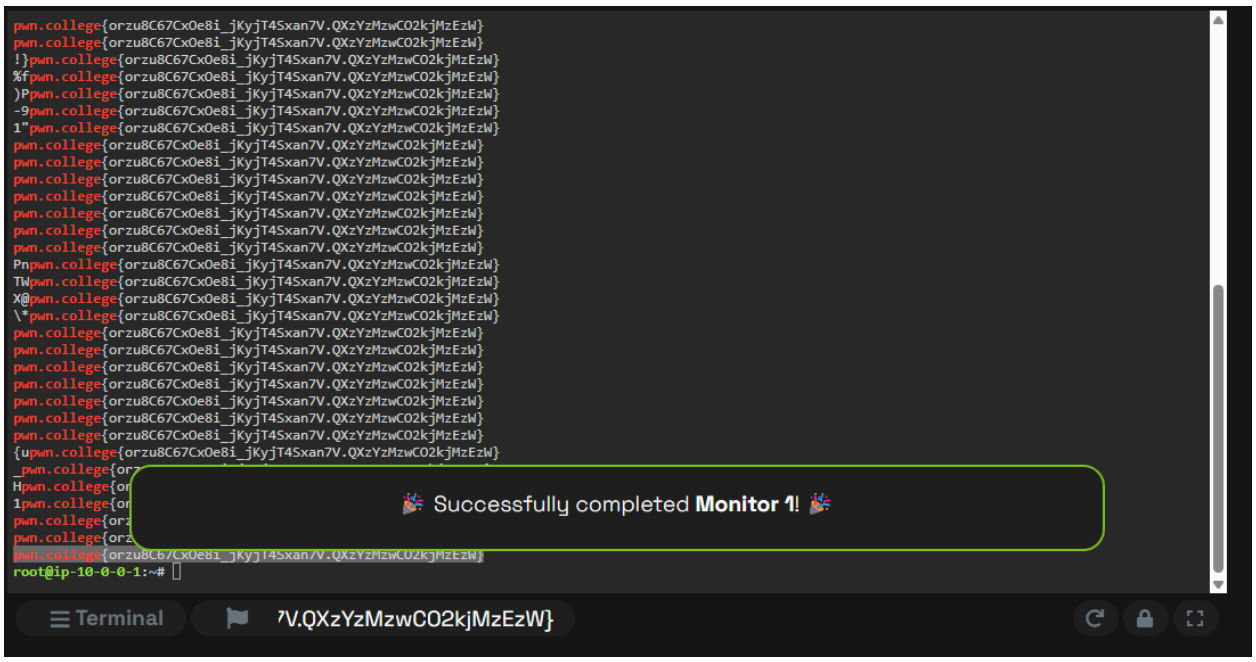
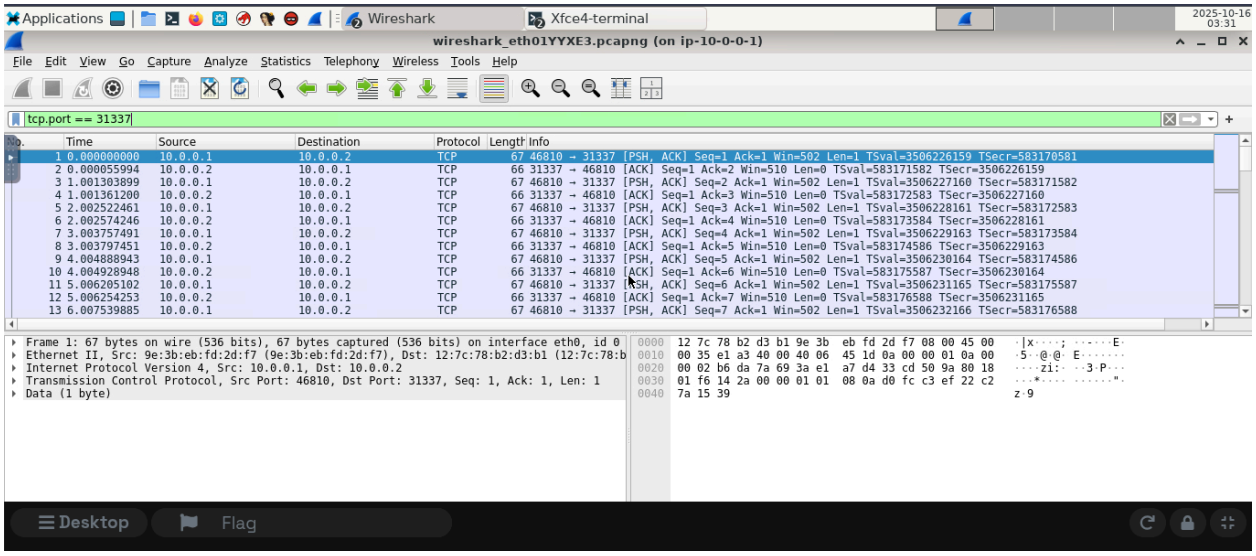
Jaleel Williamson
jayw-713
CSCI 400 Lab 12
10/15/25

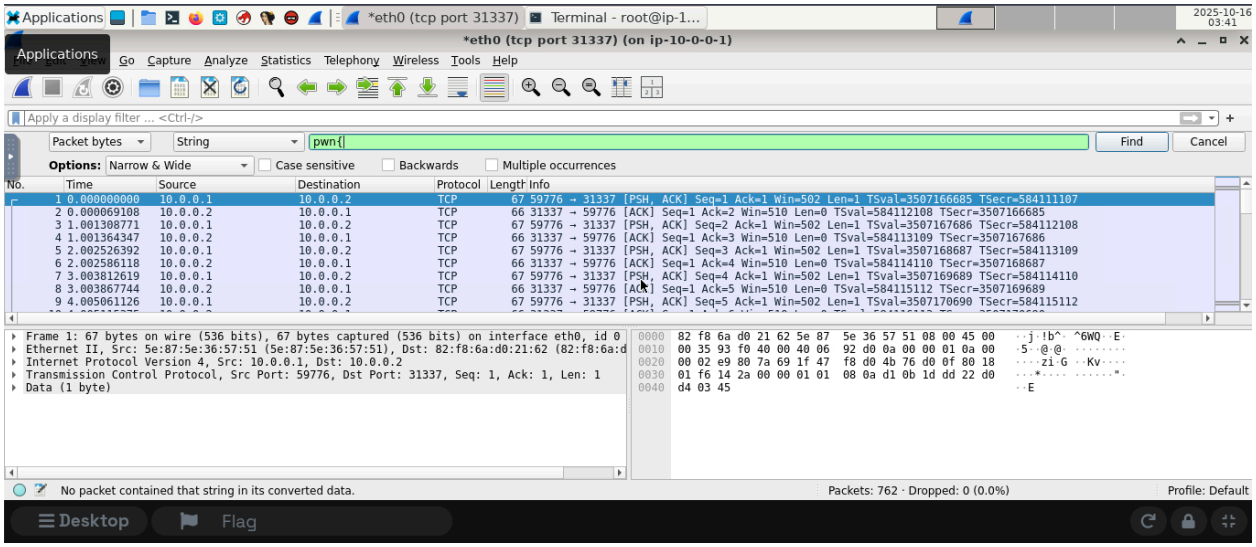
- Monitor 1





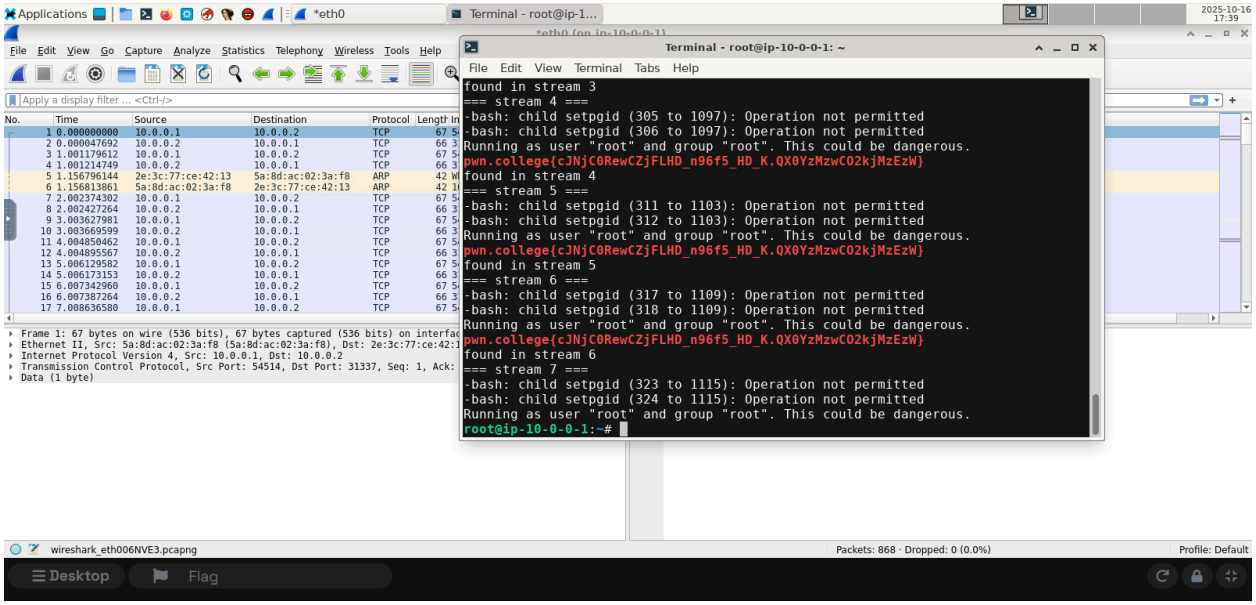
- Monitor 2

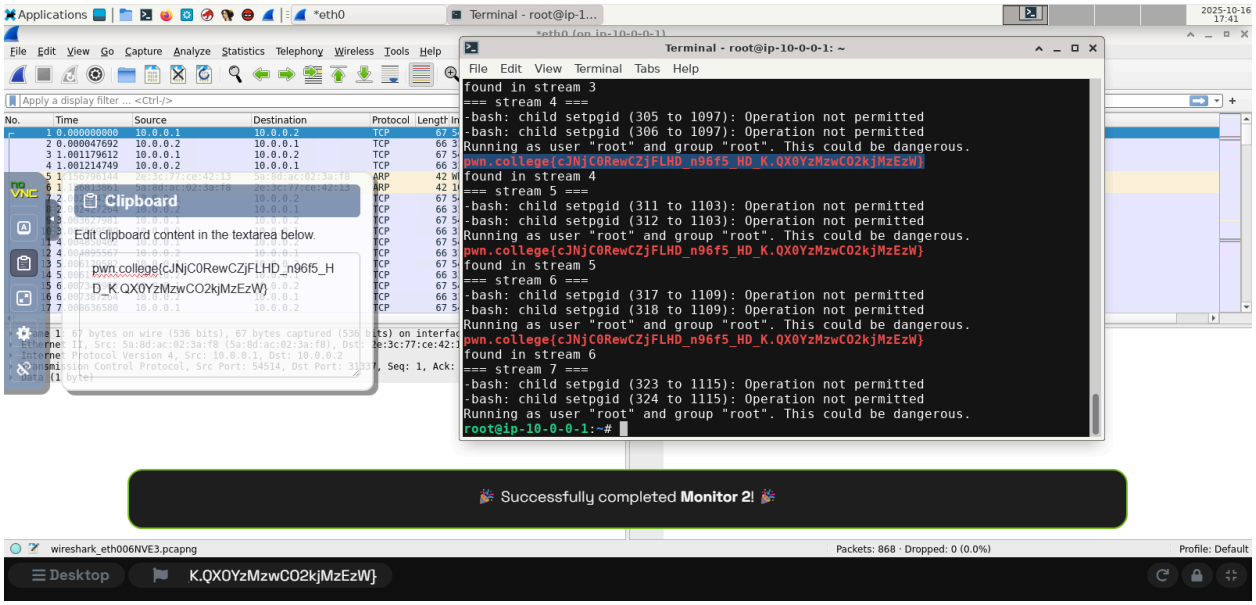




I couldn’t retrieve the flag.

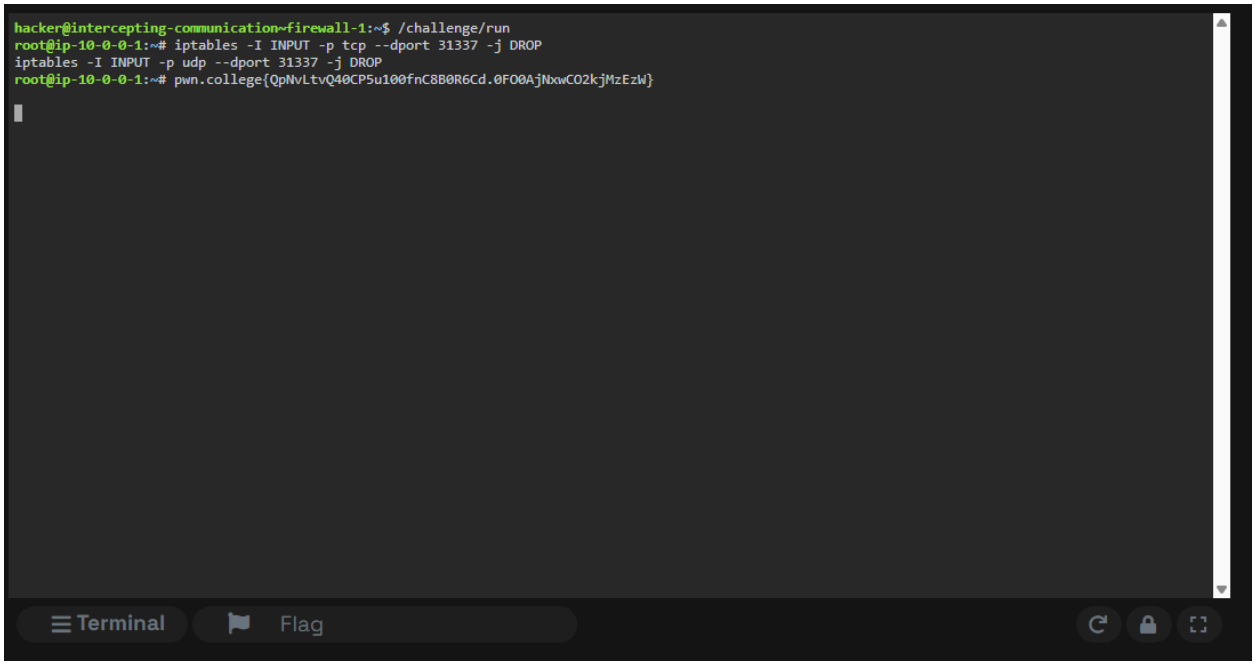
2nd Attempt

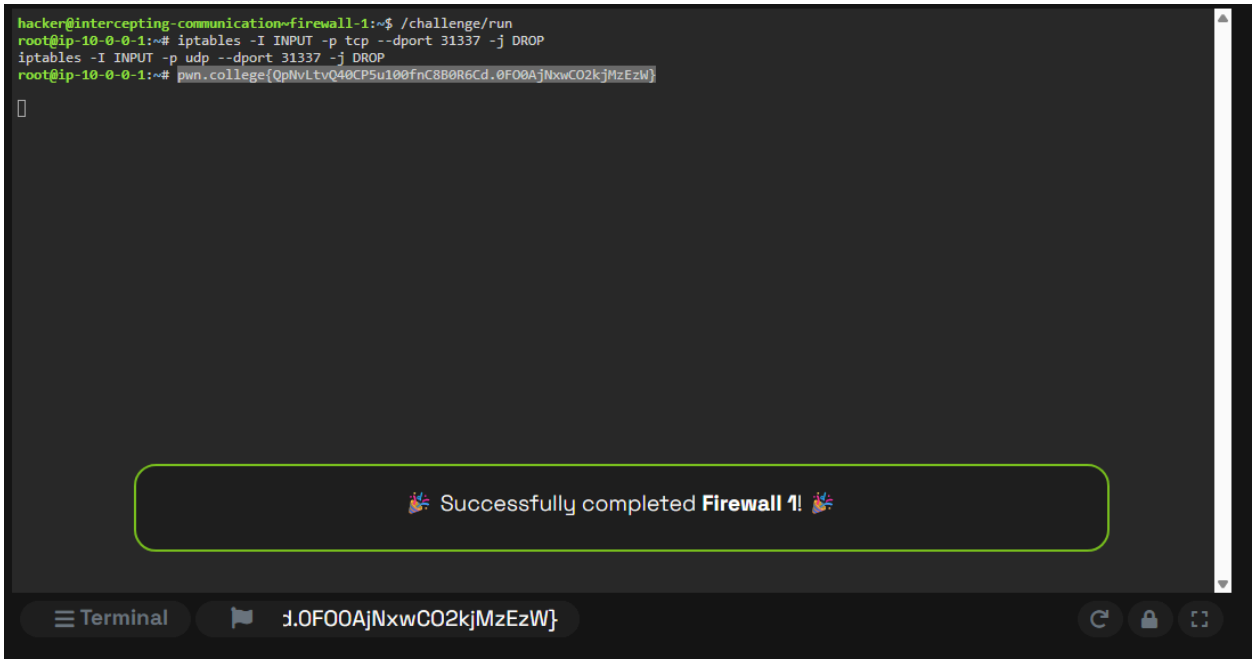




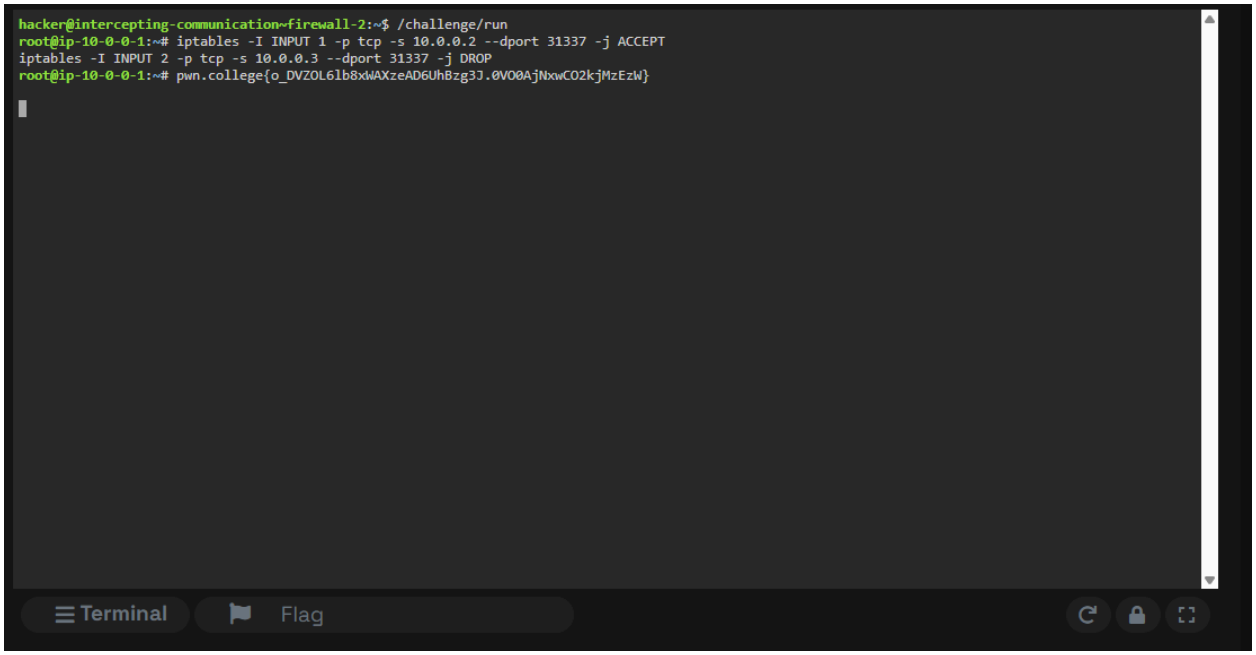
Successful capture of monitor 2

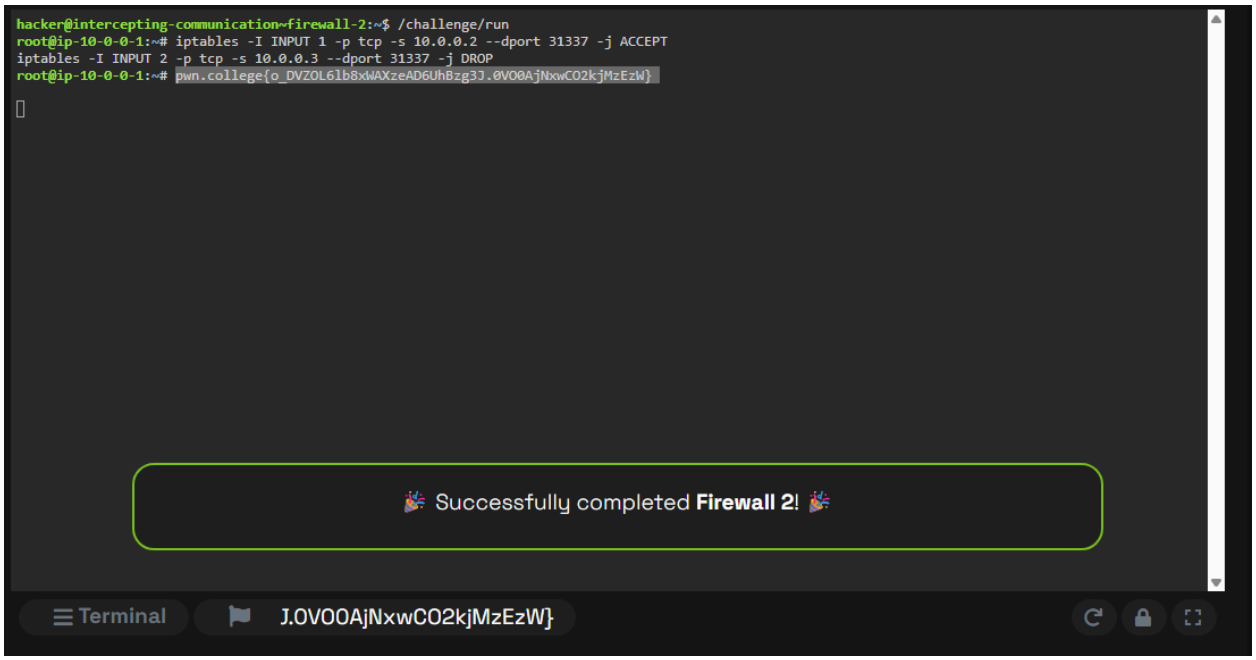
- Firewall 1


hacker@intercepting-communication~firewall-1:~$ /challenge/run
root@ip-10-0-0-1:~# iptables -I INPUT -p tcp --dport 31337 -j DROP
iptables -I INPUT -p udp --dport 31337 -j DROP
root@ip-10-0-0-1:~# pwn.college{QpNvLtvQ40CP5u100fnC8B0R6Cd.0FO0AjNxwCO2kjMzEzW}
Terminal
Flag

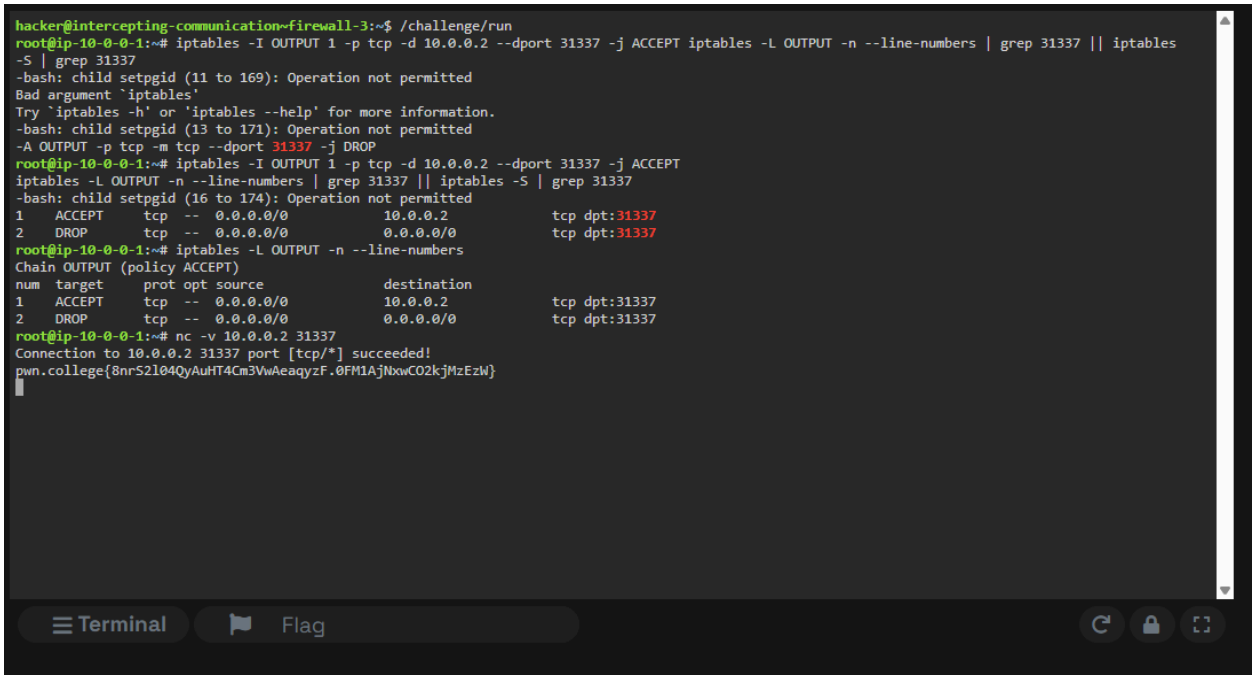

hacker@intercepting-communication~firewall-1:~$ /challenge/run
root@ip-10-0-0-1:~# iptables -I INPUT -p tcp --dport 31337 -j DROP
iptables -I INPUT -p udp --dport 31337 -j DROP
root@ip-10-0-0-1:~# pwn.college{QpNvLtvQ40CP5u100fnC8B0R6Cd.0FO0AjNxwCO2kjMzEzW}
Successfully completed Firewall 1!
Terminal
d.0FO0AjNxwCO2kjMzEzW}

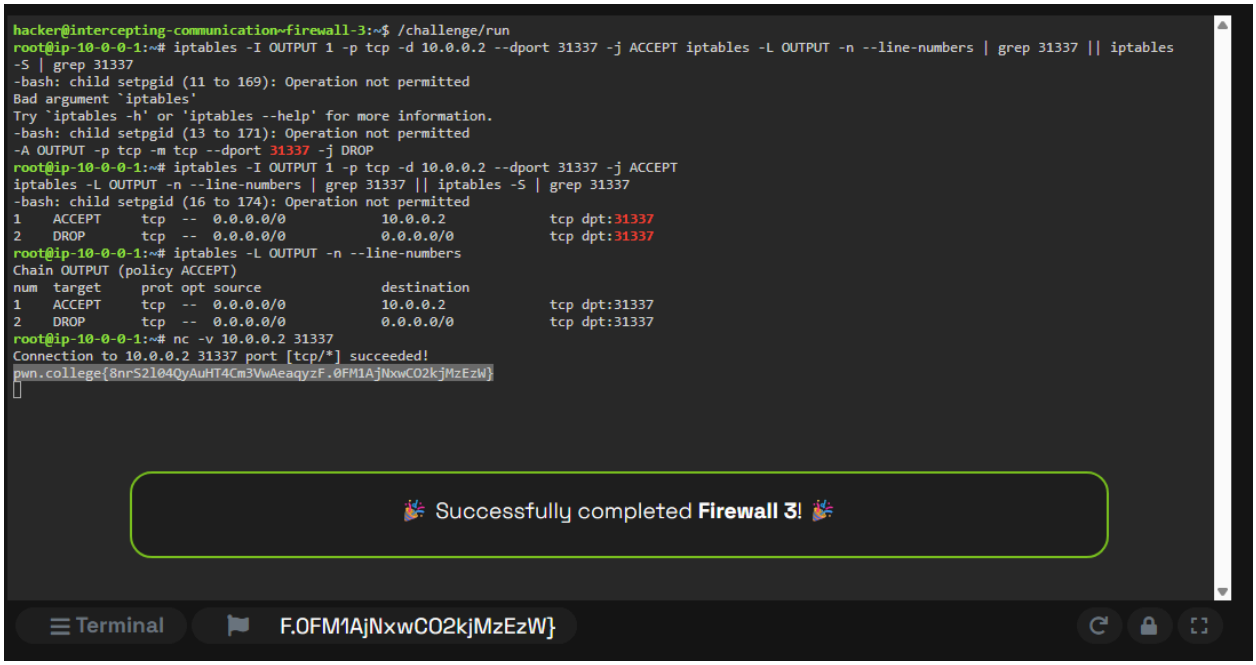
- Firewall 2


hacker@intercepting-communication~firewall-2:~$ /challenge/run
root@ip-10-0-0-1:~# iptables -I INPUT 1 -p tcp -s 10.0.0.2 --dport 31337 -j ACCEPT
iptables -I INPUT 2 -p tcp -s 10.0.0.3 --dport 31337 -j DROP
root@ip-10-0-0-1:~# pwn.college{o_DVZOL6lb8xWAXzeAD6UhBzg3J.0VO0AjNxwCO2kjMzEzW}
Terminal
Flag


hacker@intercepting-communication~firewall-2:~$ /challenge/run
root@ip-10-0-0-1:~# iptables -I INPUT 1 -p tcp -s 10.0.0.2 --dport 31337 -j ACCEPT
iptables -I INPUT 2 -p tcp -s 10.0.0.3 --dport 31337 -j DROP
root@ip-10-0-0-1:~# pwn.college{o_DVZOL6lb8xWAXzeAD6UhBzg3J.0VO0AjNxwCO2kjMzEzW}
Successfully completed Firewall 2!
Terminal
J.0VO0AjNxwCO2kjMzEzW}

- Firewall 3


hacker@intercepting-communication~firewall-3:~$ /challenge/run
root@ip-10-0-0-1:~# iptables -I OUTPUT 1 -p tcp -d 10.0.0.2 --dport 31337 -j ACCEPT iptables -L OUTPUT -n --line-numbers | grep 31337 || iptables -S | grep 31337
-bash: child setpgid (11 to 169): Operation not permitted
Bad argument `iptables'
Try `iptables -h' or 'iptables --help' for more information.
-bash: child setpgid (13 to 171): Operation not permitted
-A OUTPUT -p tcp -m tcp --dport 31337 -j DROP
root@ip-10-0-0-1:~# iptables -I OUTPUT 1 -p tcp -d 10.0.0.2 --dport 31337 -j ACCEPT
iptables -L OUTPUT -n --line-numbers | grep 31337 || iptables -S | grep 31337
-bash: child setpgid (16 to 174): Operation not permitted
1 ACCEPT tcp -- 0.0.0.0/0 10.0.0.2 tcp dpt:31337
2 DROP tcp -- 0.0.0.0/0 0.0.0.0/0 tcp dpt:31337
root@ip-10-0-0-1:~# iptables -L OUTPUT -n --line-numbers
Chain OUTPUT (policy ACCEPT)
num target prot opt source destination
1 ACCEPT tcp -- 0.0.0.0/0 10.0.0.2 tcp dpt:31337
2 DROP tcp -- 0.0.0.0/0 0.0.0.0/0 tcp dpt:31337
root@ip-10-0-0-1:~# nc -v 10.0.0.2 31337
Connection to 10.0.0.2 31337 port [tcp/*] succeeded!
pwn.college{8nrS2l04QyAuHT4Cm3VwAeaqyzF.0FM1AjNxwCO2kjMzEzW}
Terminal
Flag


hacker@intercepting-communication~firewall-3:~$ /challenge/run
root@ip-10-0-0-1:~# iptables -I OUTPUT 1 -p tcp -d 10.0.0.2 --dport 31337 -j ACCEPT iptables -L OUTPUT -n --line-numbers | grep 31337 || iptables -S | grep 31337
-bash: child setpgid (11 to 169): Operation not permitted
Bad argument `iptables'
Try `iptables -h' or 'iptables --help' for more information.
-bash: child setpgid (13 to 171): Operation not permitted
-A OUTPUT -p tcp -m tcp --dport 31337 -j DROP
root@ip-10-0-0-1:~# iptables -I OUTPUT 1 -p tcp -d 10.0.0.2 --dport 31337 -j ACCEPT
iptables -L OUTPUT -n --line-numbers | grep 31337 || iptables -S | grep 31337
-bash: child setpgid (16 to 174): Operation not permitted
1 ACCEPT tcp -- 0.0.0.0/0 10.0.0.2 tcp dpt:31337
2 DROP tcp -- 0.0.0.0/0 0.0.0.0/0 tcp dpt:31337
root@ip-10-0-0-1:~# iptables -L OUTPUT -n --line-numbers
Chain OUTPUT (policy ACCEPT)
num target prot opt source destination
1 ACCEPT tcp -- 0.0.0.0/0 10.0.0.2 tcp dpt:31337
2 DROP tcp -- 0.0.0.0/0 0.0.0.0/0 tcp dpt:31337
root@ip-10-0-0-1:~# nc -v 10.0.0.2 31337
Connection to 10.0.0.2 31337 port [tcp/*] succeeded!
pwn.college{8nrS2l04QyAuHT4Cm3VwAeaqyzF.0FM1AjNxwCO2kjMzEzW}
Successfully completed Firewall 3!
Terminal
F.0FM1AjNxwCO2kjMzEzW}