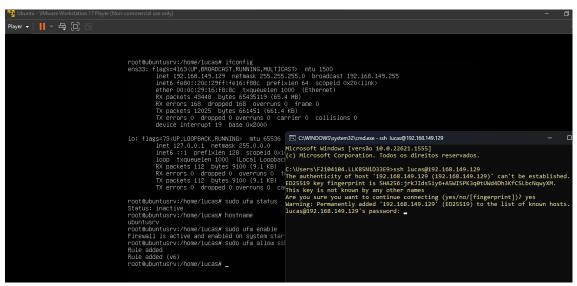
UFW

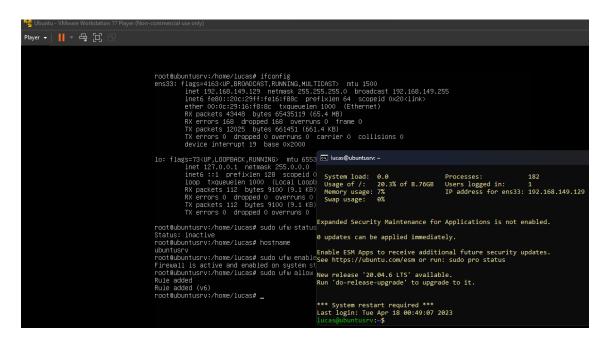
1-Checando status do firewall

2-Habilitando o fw e permitindo ssh

3-Conectando via ssh

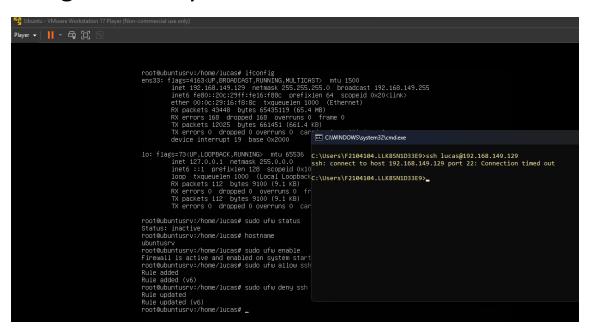


4-Conexão bem-sucedida



5-Criação de regra negando ssh

6-Conexão malsucedida após criação da regra de deny



7-Teste de ICMP bem-sucedido

```
Player • II • © II • ©
```

8-Acessar o diretório /etc/ufw/before.rules com o vim

9-No arquivo before.rules comentas as linhas "ok icmp codes for input" e "ok icmp code for forward conforme abaixo e em seguida salvar o arquivo e sair

```
# drop INVALID packets (logs these in loglevel medium and higher)
-A ufw-before-input -m conntrack --ctstate INVALID -j ufw-logging-deny
-A ufw-before-input -m conntrack --ctstate INVALID -j ufw-logging-deny
-A ufw-before-input -p icmp --icmp-type destination-unreachable -j ACCEPT
#A ufw-before-input -p icmp --icmp-type parameter-problem -j ACCEPT
#A ufw-before-forward -p icmp --icmp-type parameter-problem -j ACCEPT
#A ufw-before-input -p udp --sport 67 --dport 68 -j ACCEPT

# allow dhop client to work
-A ufw-not-local
# if LOCAL, RETURN
-A ufw-not-local -m addrtype --dst-type MULTICAST -j RETURN

# if MULTICAST, RETURN
-A ufw-not-local -m addrtype --dst-type BROADCAST -j RETURN

# all other non-local amdirtype --dst-type BROADCAST -j RETURN

# all other non-local amdirtype --dst-type BROADCAST -j RETURN

# all other non-local amdirtype --dst-type BROADCAST -j Ufw-logging-deny
-A ufw-not-local -m limit --limit 3/min --limit-burst 10 -j ufw-logging-deny
-A ufw-not-local -j DROP
```

10- Reiniciar o serviço do UFW

11- Teste de ping após bloqueio de ICMP no servidor

```
Phyer • | | • • • | | • • • | | • • • | | • • • | | • • | | • • | | • • | | • • | | • • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • |
```

