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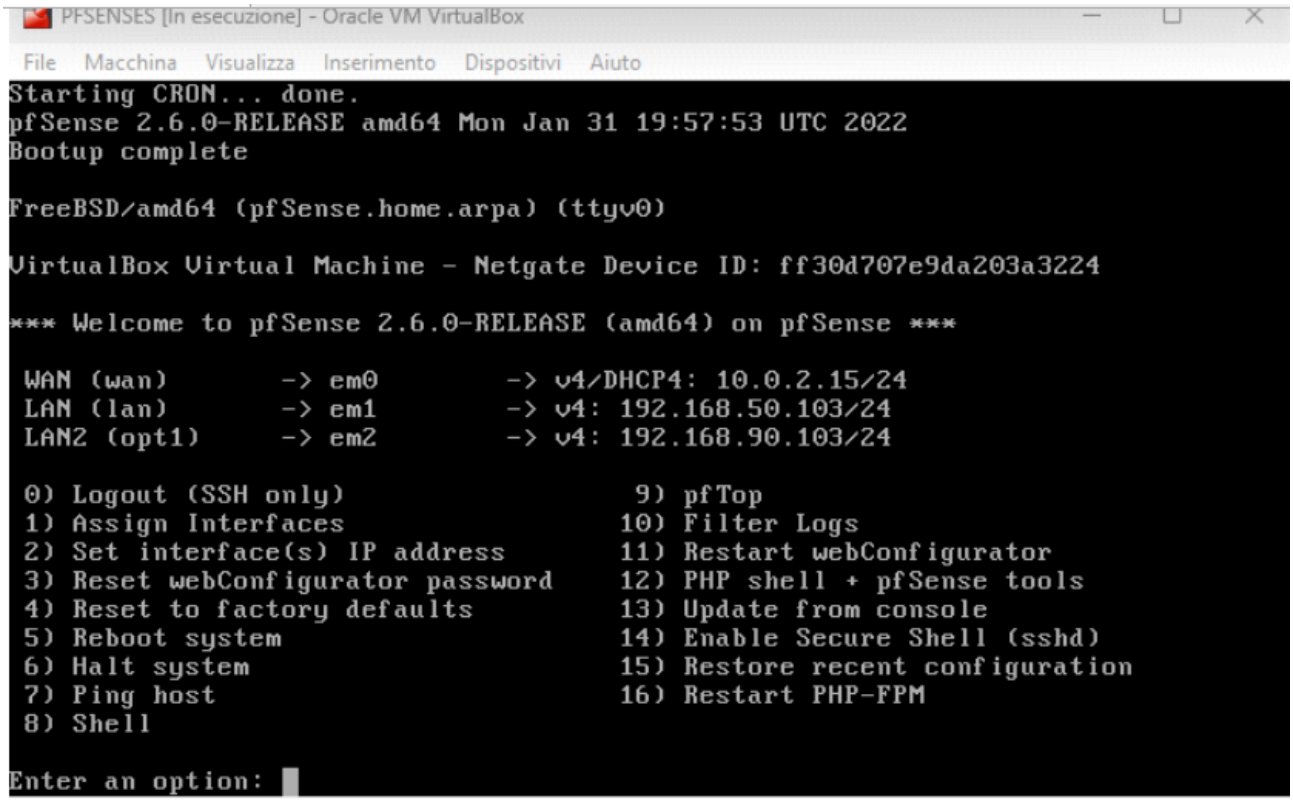
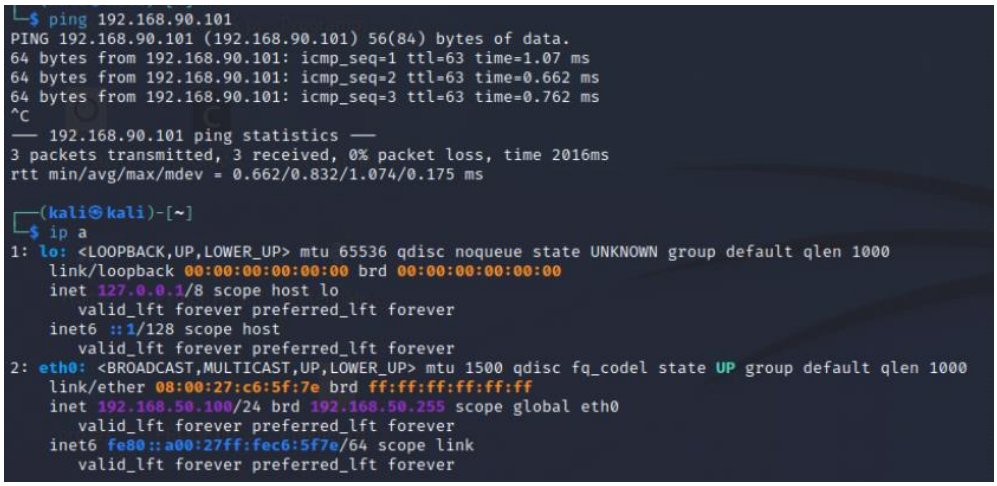
Report
21/11/2022

Secondo la consegna abbiamo diviso i network della macchina metasploitable e kali linux, con i rispettivi IP→ Linux – 192.168.50.0 Metasploit - 192.168.90.0
Dopo di che abbiamo configurato la nostra macchina PFSense aggiungendo i Gateway che ci serviranno per la comunicazione delle 2 macchine.

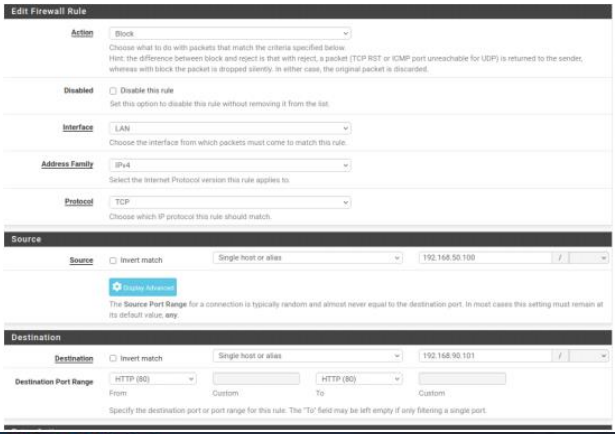


Svolgiamo un test per vedere se le 2 macchine comunicano .Dopo di che faciamo anche una scansione dove riusciamo a vedere:



```
┌──(kali㉿kali)-[~]
└─$ sudo nmap -sS 192.168.90.101
Starting Nmap 7.93 ( https://nmap.org ) at 2022-11-21 11:22 EST
Nmap scan report for 192.168.90.101
Host is up (0.00056s latency).
Not shown: 977 closed tcp ports (reset)
PORT     STATE SERVICE
21/tcp   open  ftp
22/tcp   open  ssh
23/tcp   open  telnet
25/tcp   open  smtp
53/tcp   open  domain
80/tcp   open  http
111/tcp  open  rpcbind
139/tcp  open  netbios-ssn
445/tcp  open  microsoft-ds
512/tcp  open  exec
513/tcp  open  login
514/tcp  open  shell
1099/tcp open  rmiregistry
1524/tcp open  ingreslock
2049/tcp open  nfs
2121/tcp open  ccproxy-ftp
3306/tcp open  mysql
5432/tcp open  postgresql
5900/tcp open  vnc
6000/tcp open  X11
6667/tcp open  irc
8009/tcp open  ajp13
8180/tcp open  unknown
```

Dopo di che abbiamo configurato le regole di firewall per bloccare le richieste di tipo TCP da kali sulla porta 80 di Metasploitable




```
┌──(kali㉿kali)-[~]
└─$ sudo nmap -sS 192.168.90.101
Starting Nmap 7.93 ( https://nmap.org ) at 2022-11-21 11:28 EST
Nmap scan report for 192.168.90.101
Host is up (0.00061s latency).
Not shown: 977 closed tcp ports (reset)
PORT     STATE    SERVICE
21/tcp   open     ftp
22/tcp   open     ssh
23/tcp   open     telnet
25/tcp   open     smtp
53/tcp   open     domain
80/tcp   filtered http
111/tcp  open     rpcbind
139/tcp  open     netbios-ssn
445/tcp  open     microsoft-ds
512/tcp  open     exec
513/tcp  open     login
514/tcp  open     shell
1099/tcp open     rmiregistry
1524/tcp open     ingreslock
2049/tcp open     nfs
2121/tcp open     ccproxy-ftp
3306/tcp open     mysql
5432/tcp open     postgresql
5900/tcp open     vnc
6000/tcp open     X11
6667/tcp open     irc
8009/tcp open     ajp13
8180/tcp open     unknown
```