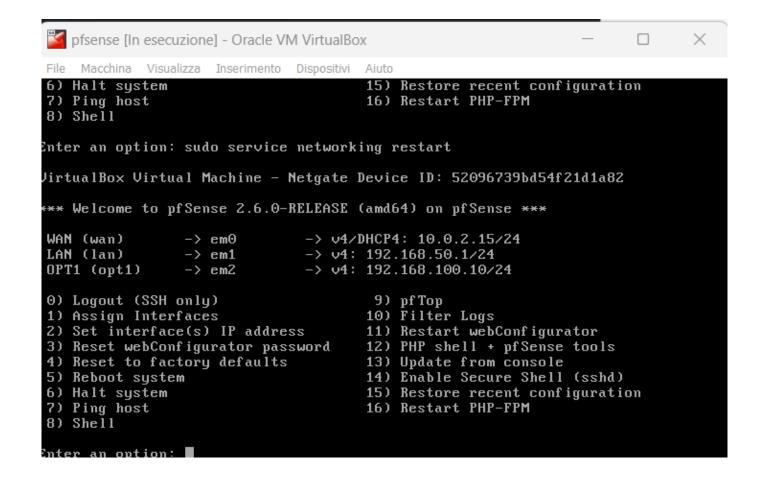
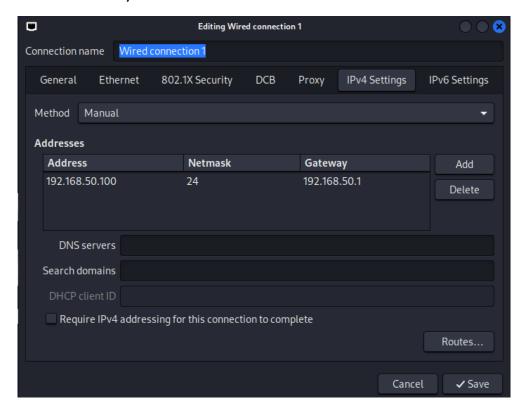
FIREWALL CON PFSENSE

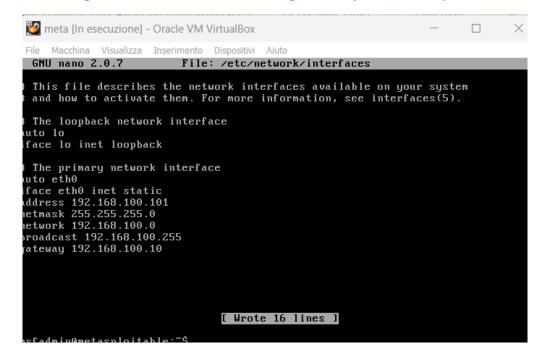
- Ho settato l'ip della lan em1 in 192.168.50.1.
- Ho creato una seconda lan opt1 (em2) a cui ho assegnato IP 192.168.100.10, ergo su rete diversa da Kali.



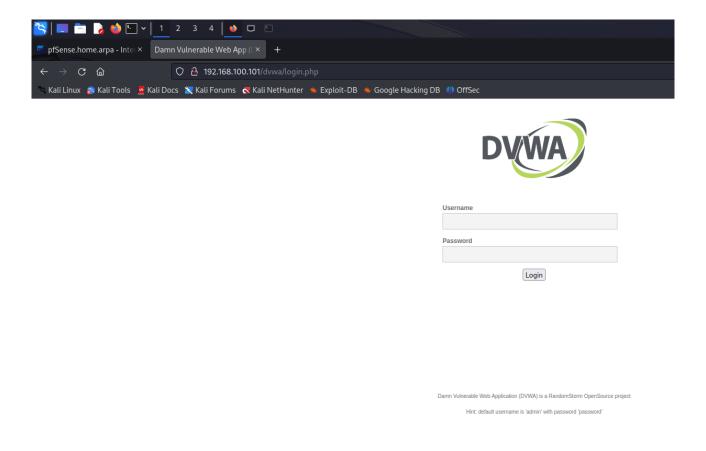
 Ho impostato come gateway della macchina Kali Linux (IP 192.168.50.100).



Ho assegnato l'IP di tale rete al gateway di Metaspoloitable.



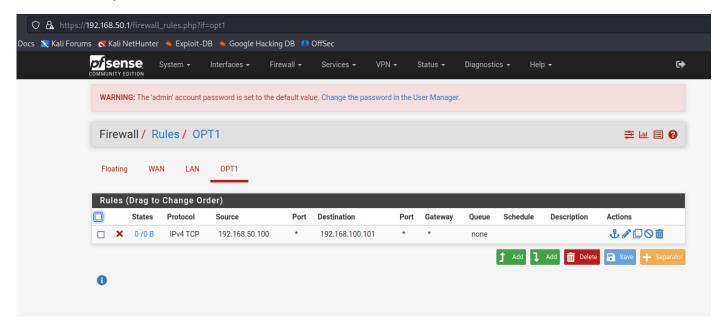
• In questo modo ho avuto accesso alla pagina DVWA di Metasploitable



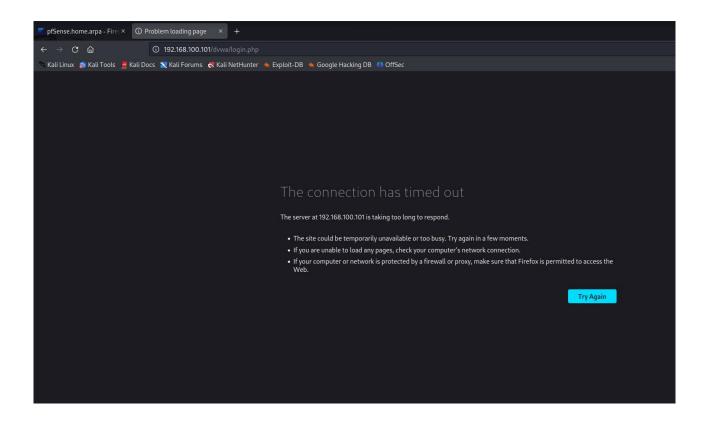
 Ho effettuato uno scan nmap -sS su IP di Metasploitable, riuscito tranquillamente.

```
sudo nmap -sS 192.168.100.101
[sudo] password for kali:
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-29 10:18 EDT
mass_dns: warning: Unable to determine any DNS servers. Reverse DNS is disabled. Try using --system-dns or specify valid serv
Nmap scan report for 192.168.100.101
Host is up (0.013s latency).
Not shown: 977 closed tcp ports (reset)
        STATE SERVICE
PORT
21/tcp
22/tcp
         open ftp
        open
              ssh
23/tcp
               telnet
         open
         open
               smtp
         open
               domain
80/tcp
         open
               http
111/tcp open
               rpcbind
139/tcp
        open
               netbios-ssn
               microsoft-ds
445/tcp open
512/tcp open
513/tcp open
               login
514/tcp open
               shell
1099/tcp open
               rmiregistry
1524/tcp open
               ingreslock
2049/tcp open
2121/tcp open
               ccproxy-ftp
3306/tcp open
               mysql
5432/tcp open
               postgresql
5900/tcp open
               vnc
6000/tcp open
6667/tcp open
               irc
8009/tcp open
               ajp13
8180/tcp open
               unknown
Nmap done: 1 IP address (1 host up) scanned in 0.81 seconds
```

 Ho impostato un firewall per bloccare l'accesso di Kali Linux sul DVWA di Metasploitable



 Dopo aver impostato il firewall, da Kali non riuscivo a connettermi sulla DVWA di Metasploitable



 Dopo aver impostato il firewall ho provato a rifare lo scan nmap -sS sull'indirizzo IP di Metasploitable, senza risultato.

```
(kali⊕ kali)-[~]
$ sudo nmap -sS 192.168.100.101
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-29 10:36 EDT
mass_dns: warning: Unable to determine any DNS servers. Reverse DNS is disabled. Try using --system-dns or specify
Stats: 0:00:18 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 83.65% done; ETC: 10:36 (0:00:04 remaining)
Nmap scan report for 192.168.100.101
Host is up (0.015s latency).
All 1000 scanned ports on 192.168.100.101 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)
Nmap done: 1 IP address (1 host up) scanned in 21.39 seconds

[kali⊕ kali)-[~]

[kali⊕ kali)-[~]
```