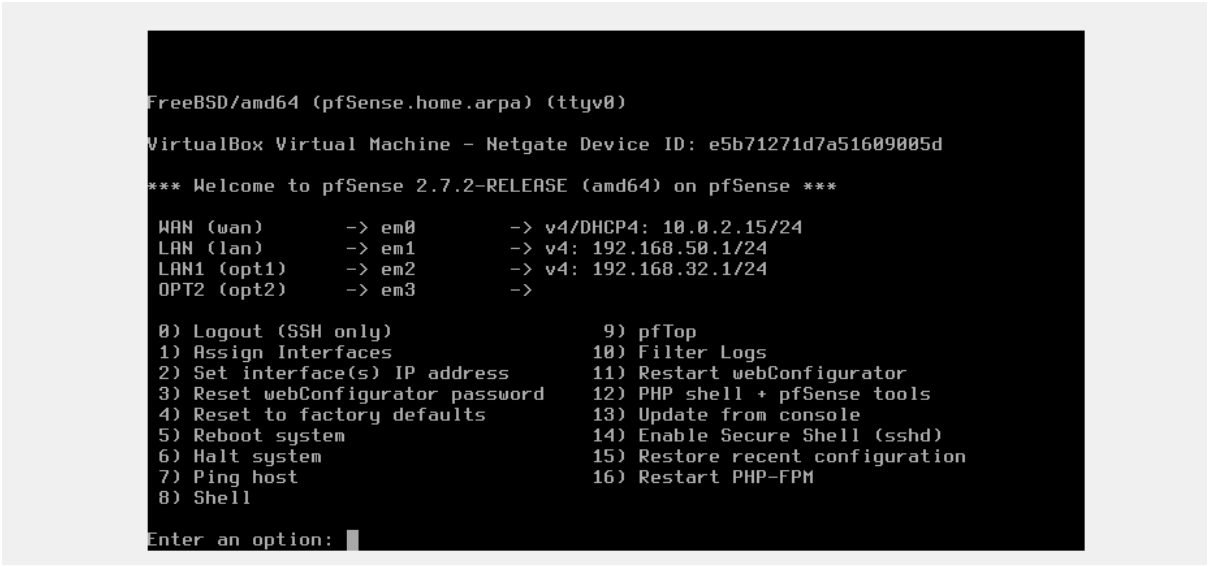
Pratica S5/L1

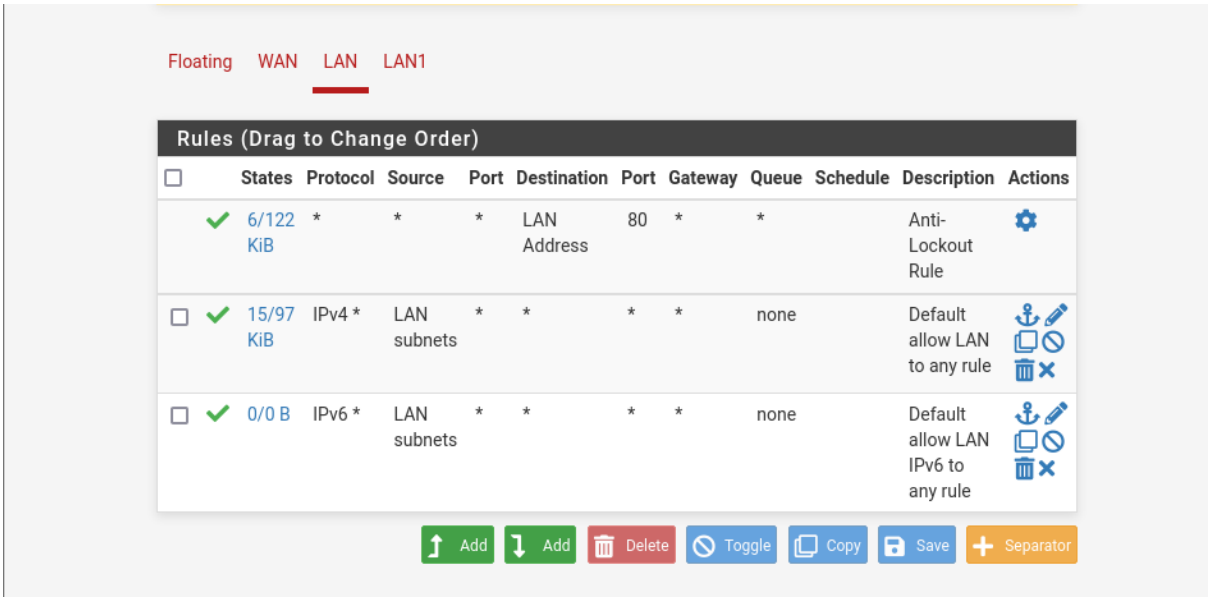
Traccia:
Sulla base di quanto visto, creare una regola firewall che blocchi l’accesso alla DVWA (su metasploitable) dalla macchina Kali Linux e ne impedisca di conseguenza lo scan.
Un requisito fondamentale dell’esercizio è che le macchine Kali e Metasploitable siano su reti diverse, potete aggiungere una nuova interfaccia di rete a Pfsense in modo tale da gestire una ulteriore rete. Connettetevi poi in Web Gui per attivare la nuova interfaccia e configurarla.

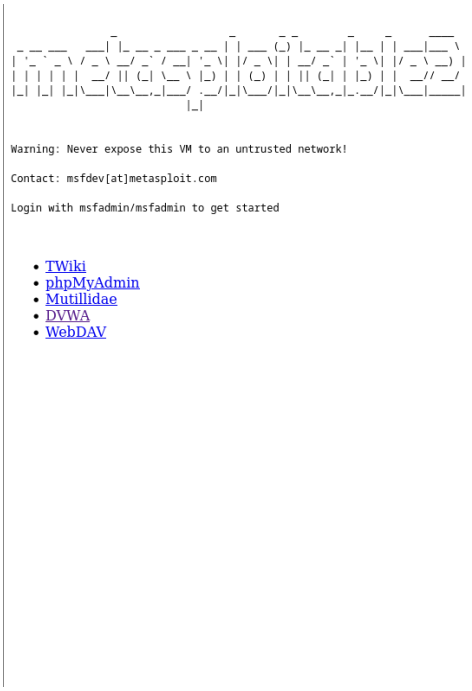
Si configura Pfsense le porte :

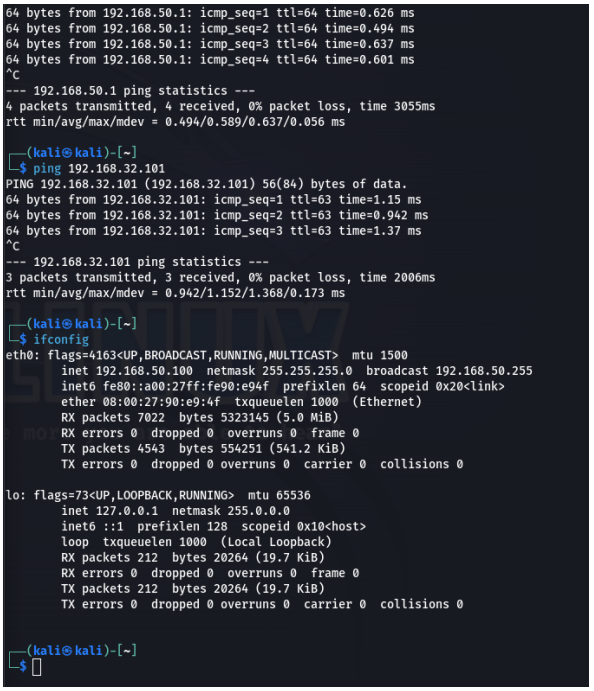
- La porta em1 192.168.50.1/24
- La porta em2 192.168.32.1/24



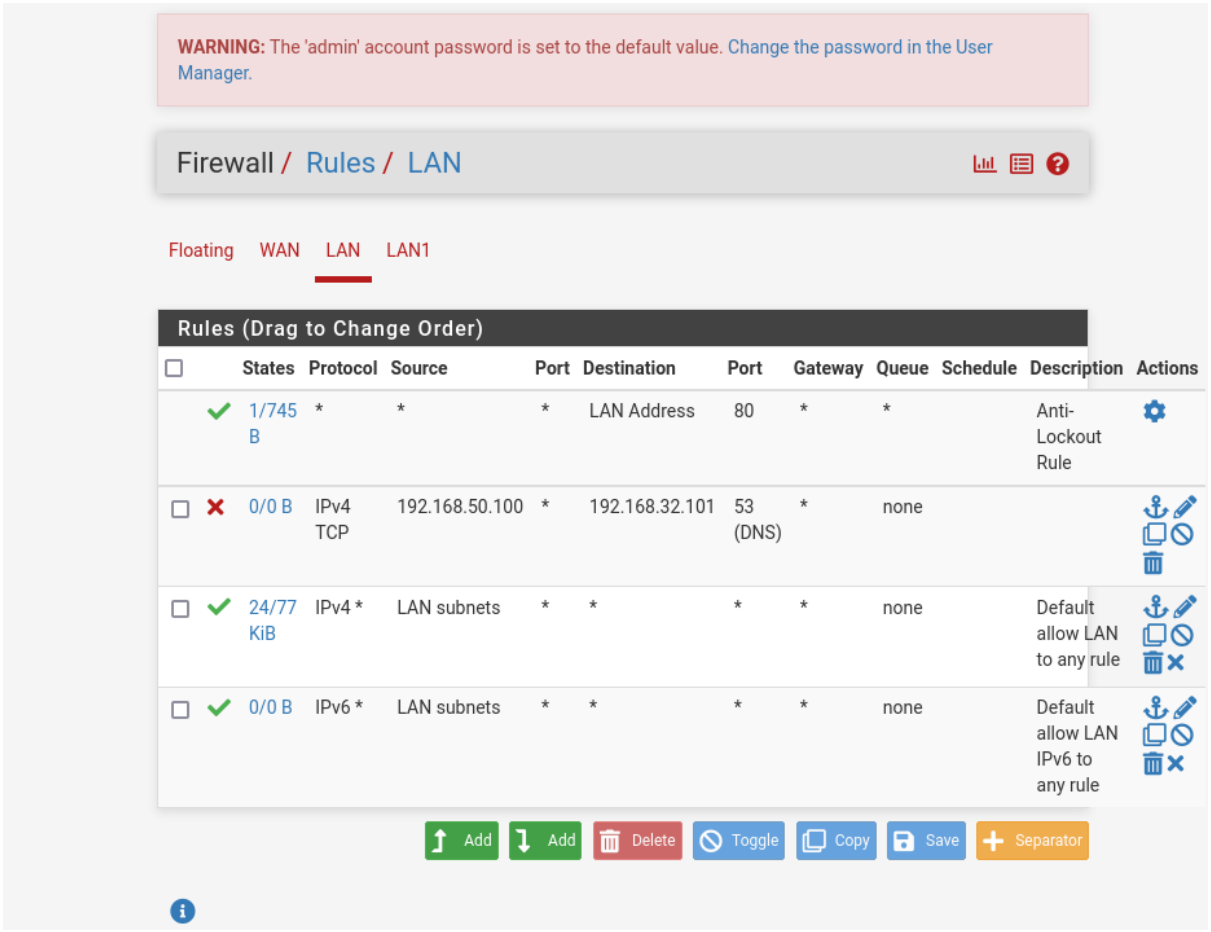
Dopo di che si entra nel sito di pfsense all’indirizzo 192.168.50.1 , username: admin ; password : pfsense.
Non ho dato la regola per bloccare l’indirizzo di metasploitable e come si vede kali (192.168.50.100) riesce ad accedere al meta(192.168.32.101)

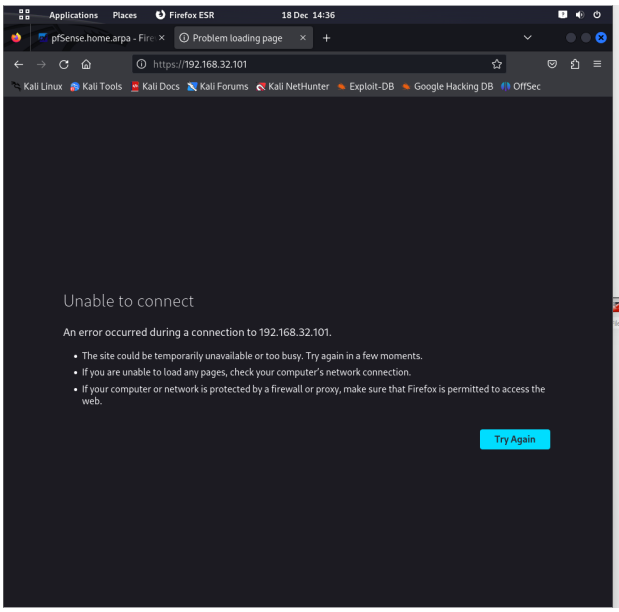


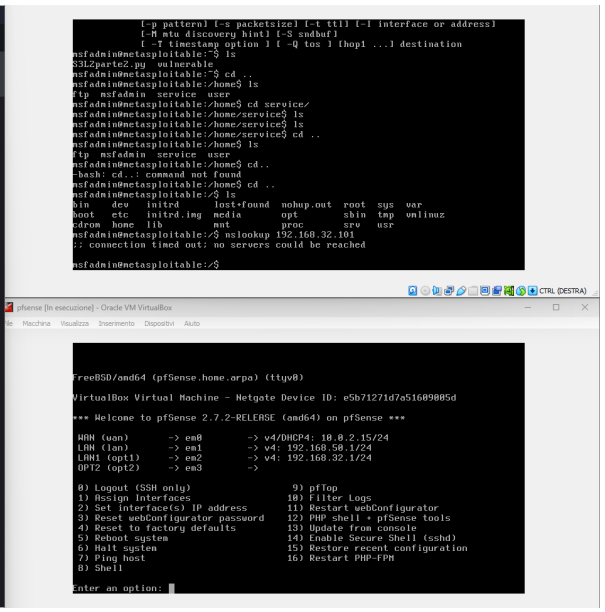




Una volta impostati la regola sul firewall si nota subito che la rete non si può accedere


WARNING: The 'admin' account password is set to the default value. Change the password in the User Manager.
Firewall / Rules / LAN
Floating WAN LAN LAN1
Rules (Drag to Change Order)
States Protocol Source Port Destination Port Gateway Queue Schedule Description Actions
1/745 B * * * LAN Address 80 * * Anti-Lockout Rule
0/0 B IPv4 TCP 192.168.50.100 * 192.168.32.101 53 (DNS) * none
24/77 KiB IPv4 * LAN subnets * * * * none Default allow LAN to any rule
0/0 B IPv6 * LAN subnets * * * * none Default allow LAN IPv6 to any rule
Add Add Delete Toggle Copy Save Separator


Applications Places Firefox ESR 18 Dec 14:36
pfSense.home.arpa - Fire
Problem loading page
https://192.168.32.101
Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB Google Hacking DB OffSec
Unable to connect
An error occurred during a connection to 192.168.32.101.
The site could be temporarily unavailable or too busy. Try again in a few moments.
If you are unable to load any pages, check your computer's network connection.
If your computer or network is protected by a firewall or proxy, make sure that Firefox is permitted to access the web.
Try Again


msfadmin@metasploitable:~$ ls
msfadmin@metasploitable:~$ cd ..
msfadmin@metasploitable:/home$ ls
msfadmin@metasploitable:/home$ cd service/
msfadmin@metasploitable:/home/service$ ls
msfadmin@metasploitable:/home/service$ cd ..
msfadmin@metasploitable:/home$ ls
msfadmin@metasploitable:/home$ cd..
msfadmin@metasploitable:/$ ls
msfadmin@metasploitable:/$ nslookup 192.168.32.101
;; connection timed out; no servers could be reached
msfadmin@metasploitable:/$
pfsense [In esecuzione] - Oracle VM VirtualBox
FreeBSD/amd64 (pfSense.home.arpa) (ttyv0)
VirtualBox Virtual Machine - Netgate Device ID: e5b71271d7a51689805d
*** Welcome to pfSense 2.7.2-RELEASE (amd64) on pfSense ***
WAN (wan) -> em0 -> v4/DHCP4: 10.0.2.15/24
LAN (lan) -> em1 -> v4: 192.168.50.1/24
LAN1 (opt1) -> em2 -> v4: 192.168.32.1/24
OPT2 (opt2) -> em3 ->
0) Logout (SSH only) 9) pfTop
1) Assign Interfaces 10) Filter Logs
2) Set interface(s) IP address 11) Restart webConfigurator
3) Reset webConfigurator password 12) PHP shell + pfSense tools
4) Reset to factory defaults 13) Update from console
5) Reboot system 14) Enable Secure Shell (sshd)
6) Halt system 15) Restore recent configuration
7) Ping host 16) Restart PHP-FPM
8) Shell
Enter an option: