




S5/L1

Ho installato pfSense dove ho creato 3 interfacce di rete:

WAN con l'accesso ad internet

LAN per la macchina Kali

OPT1 per la macchina Metasploitable

Interfaces			
 WAN	↑	1000baseT <full-duplex>	192.168.1.18
 LAN	↑	1000baseT <full-duplex>	192.168.50.5
 OPT1	↑	1000baseT <full-duplex>	192.168.60.5

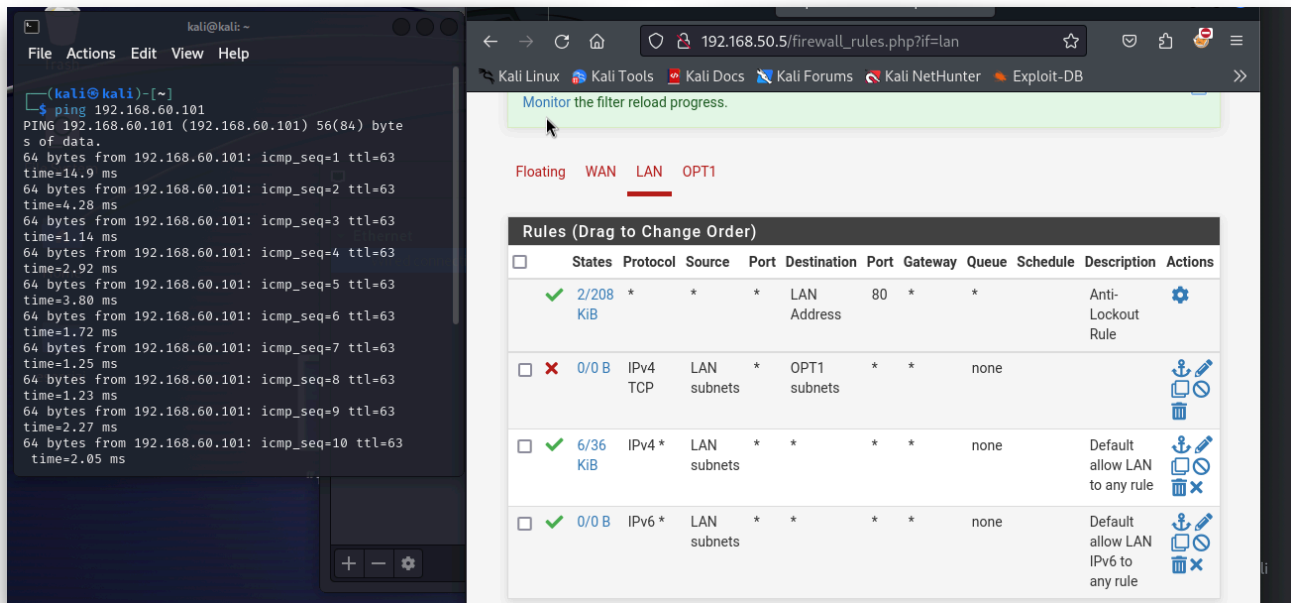
Ho verificato che le macchine comunicassero tra di loro

```
metasploitable
From 192.168.60.101 icmp_seq=6 Destination Host Unreachable
From 192.168.60.101 icmp_seq=7 Destination Host Unreachable
From 192.168.60.101 icmp_seq=8 Destination Host Unreachable
From 192.168.60.101 icmp_seq=9 Destination Host Unreachable

--- 192.168.60.5 ping statistics ---
11 packets transmitted, 0 received, +7 errors, 100% packet loss, time 10021ms
, pipe 4
msfadmin@metasploitable:~$
msfadmin@metasploitable:~$ ping 192.168.50.100
PING 192.168.50.100 (192.168.50.100) 56(84) bytes of data:
64 bytes from 192.168.50.100: icmp_seq=1 ttl=63 time=3.43 ms
64 bytes from 192.168.50.100: icmp_seq=2 ttl=63 time=2.36 ms
64 bytes from 192.168.50.100: icmp_seq=3 ttl=63 time=4.83 ms
64 bytes from 192.168.50.100: icmp_seq=4 ttl=63 time=4.74 ms
64 bytes from 192.168.50.100: icmp_seq=5 ttl=63 time=5.89 ms
64 bytes from 192.168.50.100: icmp_seq=6 ttl=63 time=3.99 ms
64 bytes from 192.168.50.100: icmp_seq=7 ttl=63 time=3.15 ms
64 bytes from 192.168.50.100: icmp_seq=8 ttl=63 time=6.33 ms
64 bytes from 192.168.50.100: icmp_seq=9 ttl=63 time=4.12 ms

--- 192.168.50.100 ping statistics ---
9 packets transmitted, 9 received, 0% packet loss, time 8003ms
rtt min/avg/max/mdev = 2.364/4.318/6.333/1.208 ms
msfadmin@metasploitable:~$
```

E successivamente dopo aver settato tutte le interfacce di rete ho creato una regola firewall sull'interfaccia LAN (macchina Kali) che blocchi l'accesso alla DVWA su metasploitable. Anche se le macchine comunicano tra di loro con questa regola firewall è possibile bloccare l'accesso alla DVWA.



✗	Feb 19 15:40:19	WAN	Block private networks from WAN block 192.168/16 (12004)	192.168.1.1:59067	192.168.1.18:139	TCP:S
✗	Feb 19 15:40:19	LAN	DVWA (1708356824)	192.168.50.100:34480	192.168.60.101:80	TCP:S
✗	Feb 19 15:40:19	LAN	DVWA (1708356824)	192.168.50.100:34494	192.168.60.101:80	TCP:S
✗	Feb 19 15:40:20	LAN	DVWA (1708356824)	192.168.50.100:34480	192.168.60.101:80	TCP:S
✗	Feb 19 15:40:20	LAN	DVWA (1708356824)	192.168.50.100:34494	192.168.60.101:80	TCP:S
✗	Feb 19 15:40:21	LAN	DVWA (1708356824)	192.168.50.100:34480	192.168.60.101:80	TCP:S
✗	Feb 19 15:40:21	LAN	DVWA (1708356824)	192.168.50.100:34494	192.168.60.101:80	TCP:S
✗	Feb 19 15:40:23	WAN	Block private networks from WAN block 192.168/16 (12004)	192.168.1.1:39026	192.168.1.18:445	TCP:S
✗	Feb 19 15:40:23	WAN	Block private networks from WAN block 192.168/16 (12004)	192.168.1.1:59067	192.168.1.18:139	TCP:S
✗	Feb 19 15:40:23	LAN	DVWA (1708356824)	192.168.50.100:34480	192.168.60.101:80	TCP:S
✗	Feb 19 15:40:23	LAN	DVWA (1708356824)	192.168.50.100:34494	192.168.60.101:80	TCP:S