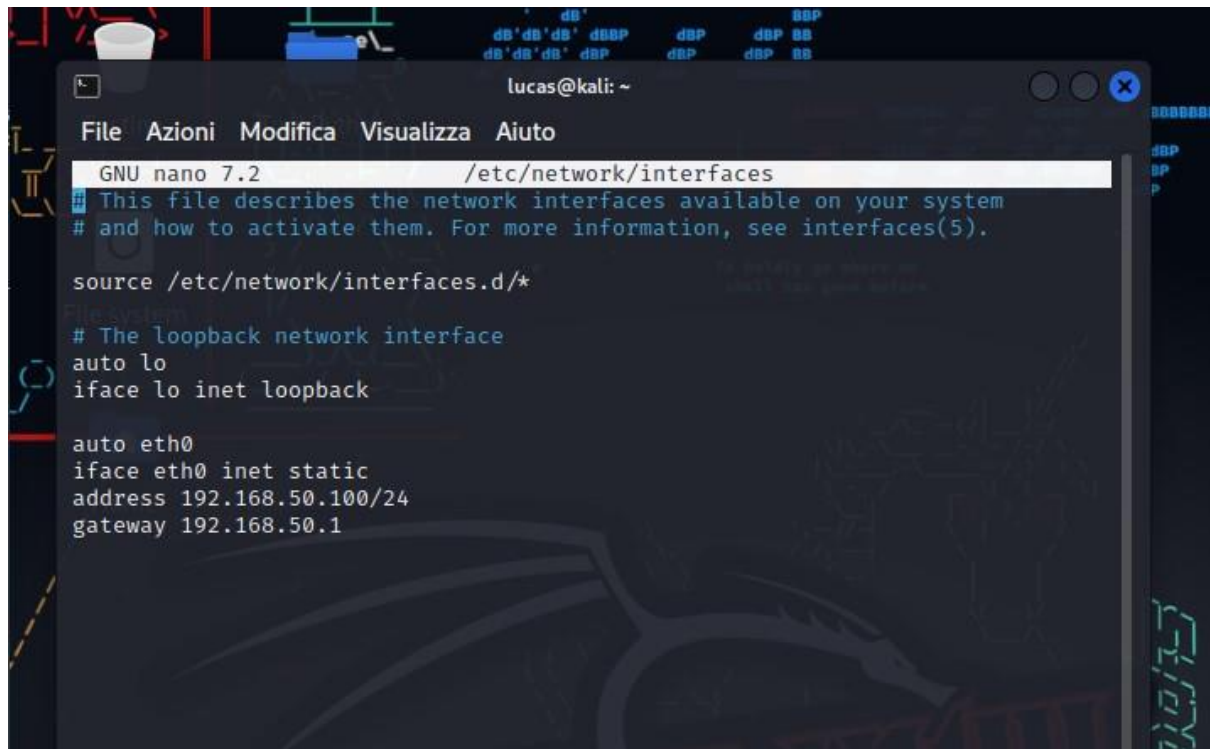


## Configurazione kali



The screenshot shows a terminal window titled 'lucas@kali: ~'. The window contains the GNU nano 7.2 editor editing the file /etc/network/interfaces. The file content is as follows:

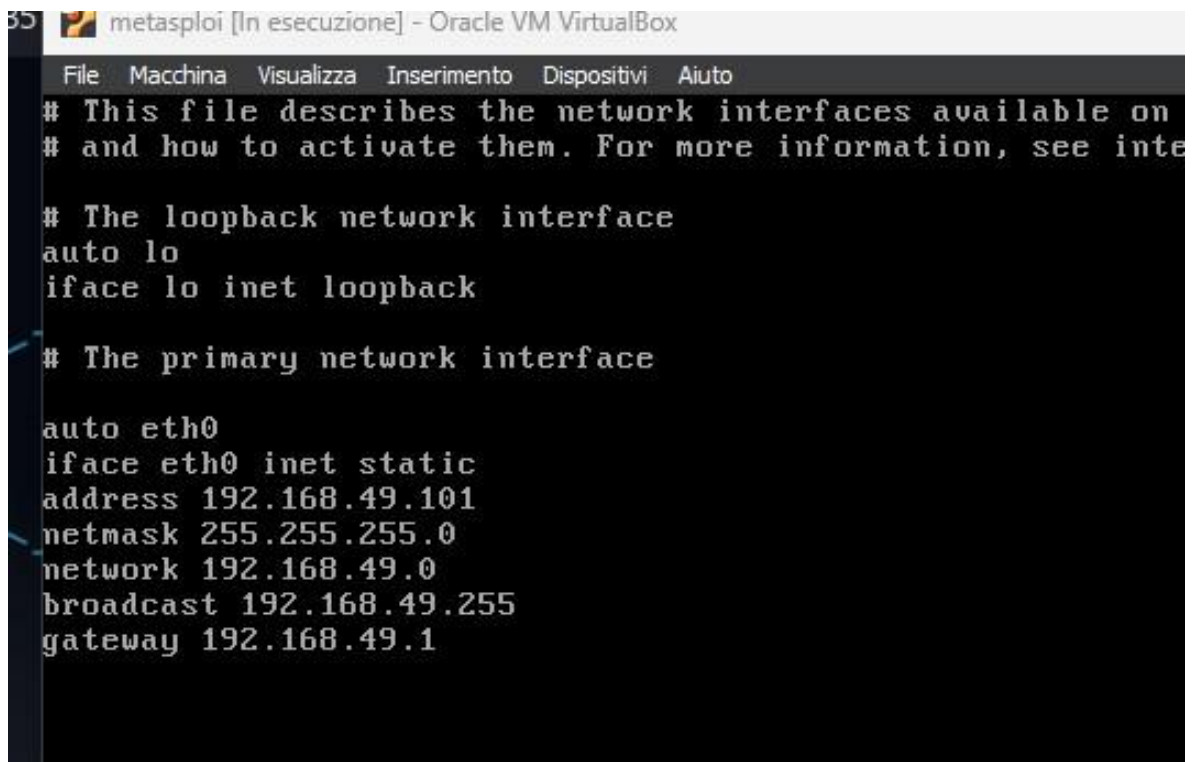
```
File Azioni Modifica Visualizza Aiuto
GNU nano 7.2 /etc/network/interfaces
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

auto eth0
iface eth0 inet static
address 192.168.50.100/24
gateway 192.168.50.1
```

## Configurazione metasploitable2



The screenshot shows a terminal window titled 'metasploit [In esecuzione] - Oracle VM VirtualBox'. The window contains the configuration of the /etc/network/interfaces file. The file content is as follows:

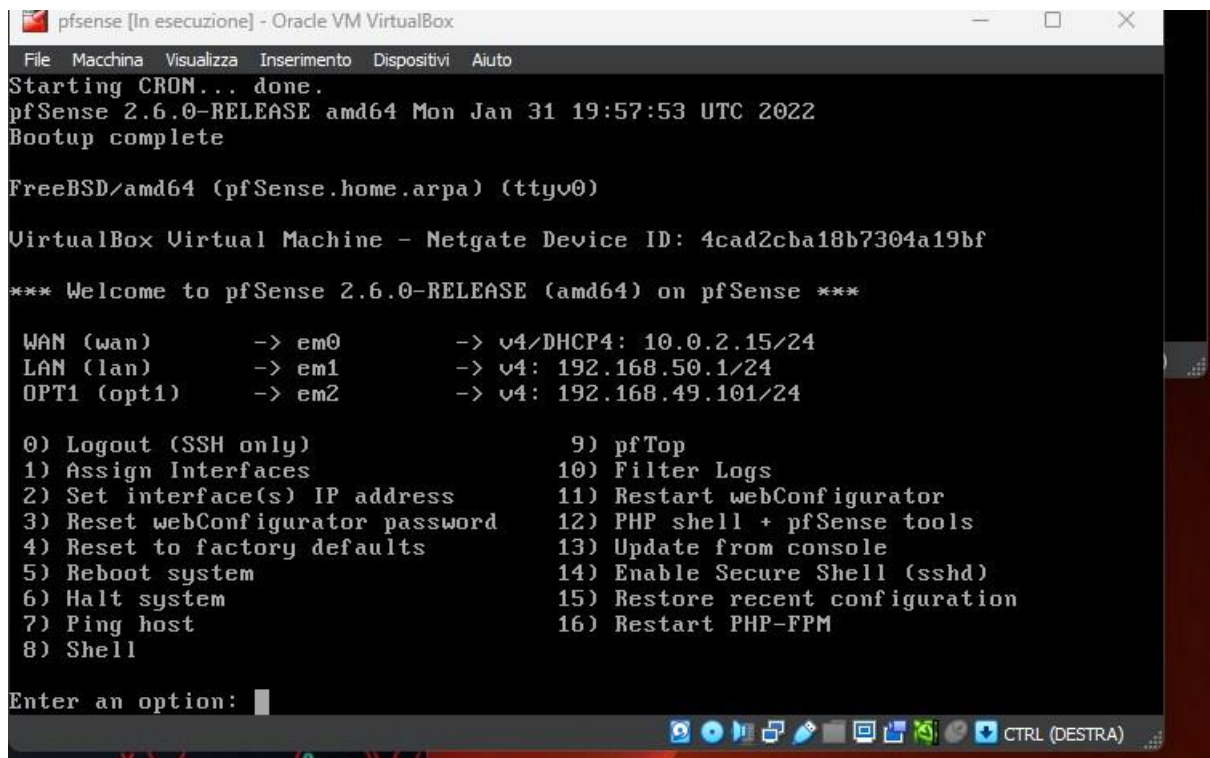
```
File Macchina Visualizza Inserimento Dispositivi Aiuto
# This file describes the network interfaces available on
# and how to activate them. For more information, see inte

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface

auto eth0
iface eth0 inet static
address 192.168.49.101
netmask 255.255.255.0
network 192.168.49.0
broadcast 192.168.49.255
gateway 192.168.49.1
```

## Configurazione Pfsense



```
pfsense [In esecuzione] - Oracle VM VirtualBox
File  Macchina  Visualizza  Inserimento  Dispositivi  Aiuto
Starting CRON... done.
pfSense 2.6.0-RELEASE amd64 Mon Jan 31 19:57:53 UTC 2022
Bootup complete

FreeBSD/amd64 (pfSense.home.arpa) (ttyv0)

VirtualBox Virtual Machine - Netgate Device ID: 4cad2cba18b7304a19bf

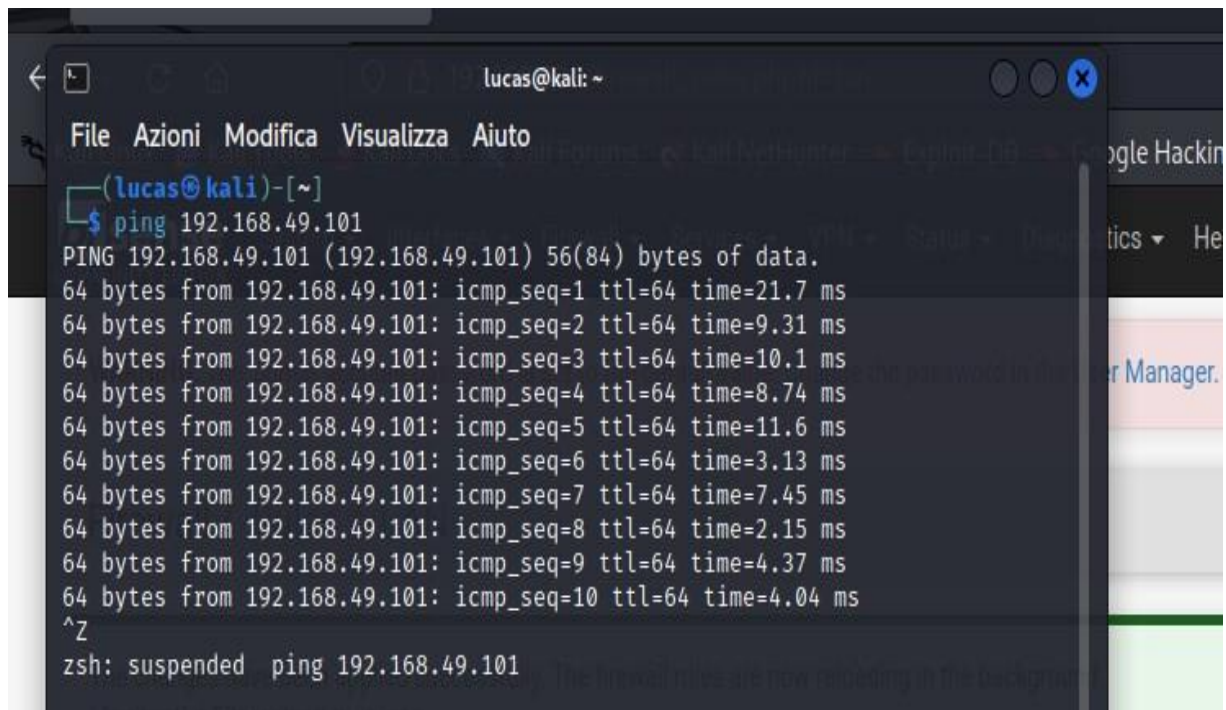
*** Welcome to pfSense 2.6.0-RELEASE (amd64) on pfSense ***

WAN (wan)      -> em0      -> v4/DHCP4: 10.0.2.15/24
LAN (lan)      -> em1      -> v4: 192.168.50.1/24
OPT1 (opt1)    -> em2      -> v4: 192.168.49.101/24

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

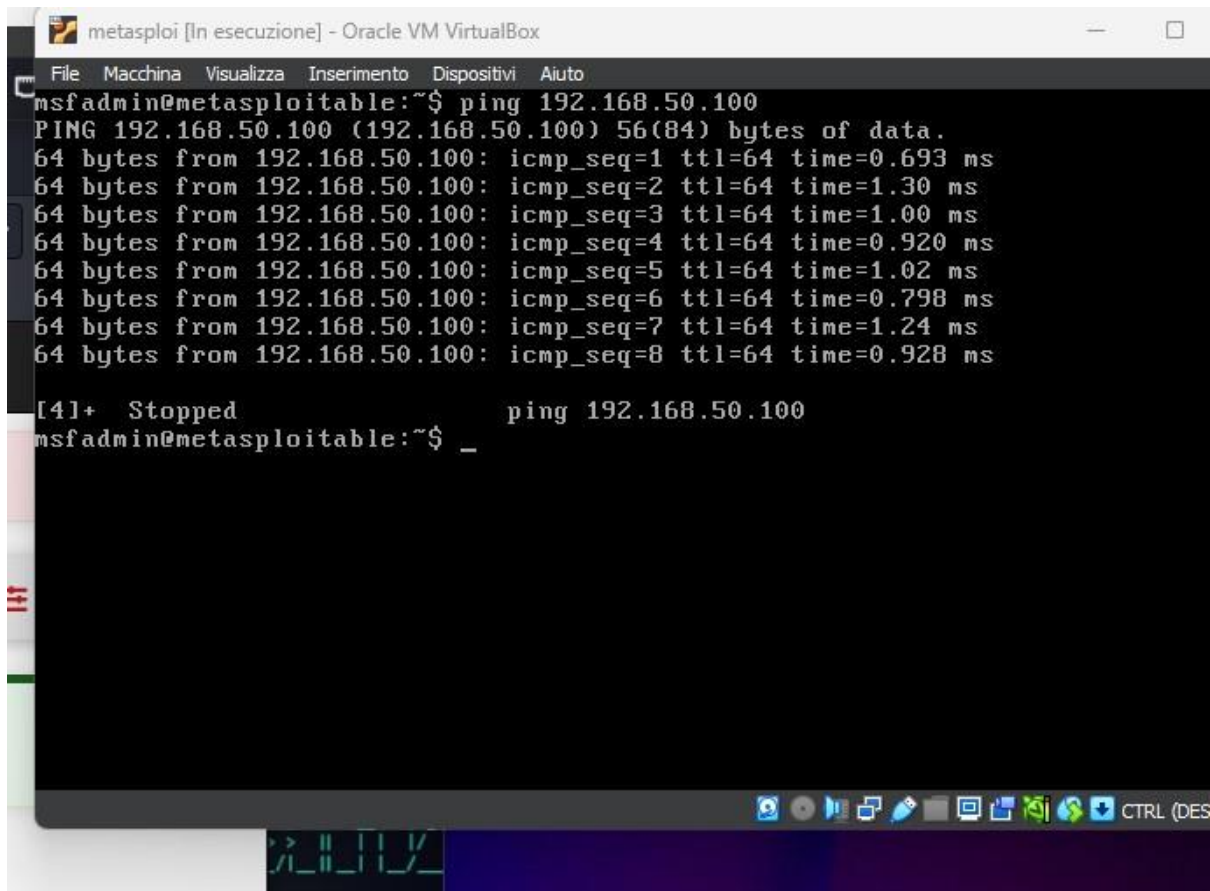
Enter an option: 
```

## Ping da kali a meta



```
lucas@kali: ~
File Azioni Modifica Visualizza Aiuto
(lucas@kali)-[~]
$ ping 192.168.49.101
PING 192.168.49.101 (192.168.49.101) 56(84) bytes of data.
64 bytes from 192.168.49.101: icmp_seq=1 ttl=64 time=21.7 ms
64 bytes from 192.168.49.101: icmp_seq=2 ttl=64 time=9.31 ms
64 bytes from 192.168.49.101: icmp_seq=3 ttl=64 time=10.1 ms
64 bytes from 192.168.49.101: icmp_seq=4 ttl=64 time=8.74 ms
64 bytes from 192.168.49.101: icmp_seq=5 ttl=64 time=11.6 ms
64 bytes from 192.168.49.101: icmp_seq=6 ttl=64 time=3.13 ms
64 bytes from 192.168.49.101: icmp_seq=7 ttl=64 time=7.45 ms
64 bytes from 192.168.49.101: icmp_seq=8 ttl=64 time=2.15 ms
64 bytes from 192.168.49.101: icmp_seq=9 ttl=64 time=4.37 ms
64 bytes from 192.168.49.101: icmp_seq=10 ttl=64 time=4.04 ms
^Z
zsh: suspended ping 192.168.49.101
```

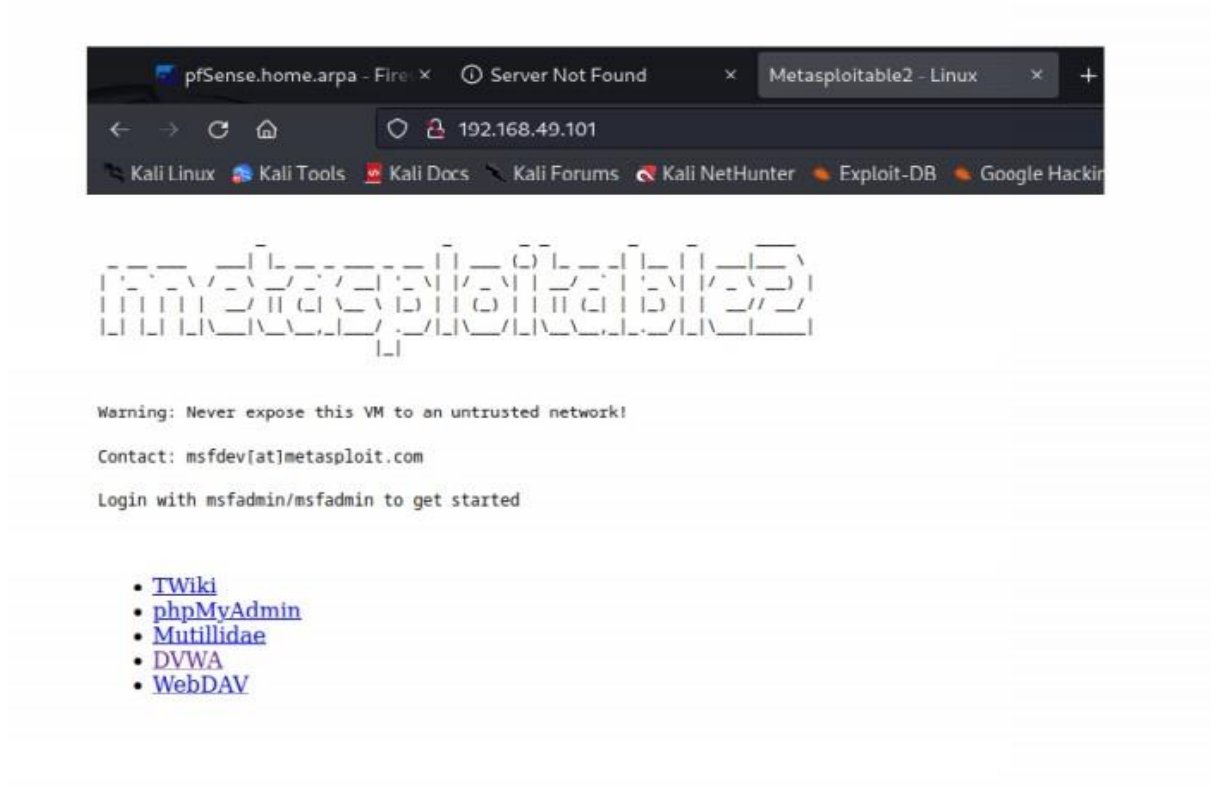
## Ping da meta a kali

A screenshot of a Metasploit terminal window titled "metasploit [In esecuzione] - Oracle VM VirtualBox". The terminal shows a user prompt "msfadmin@metasploitable:~\$" followed by the command "ping 192.168.50.100". The output shows eight successful ping responses from 192.168.50.100 with varying times. The prompt then changes to "[4]+ Stopped" and the user enters an underscore "\_" to stop the command.

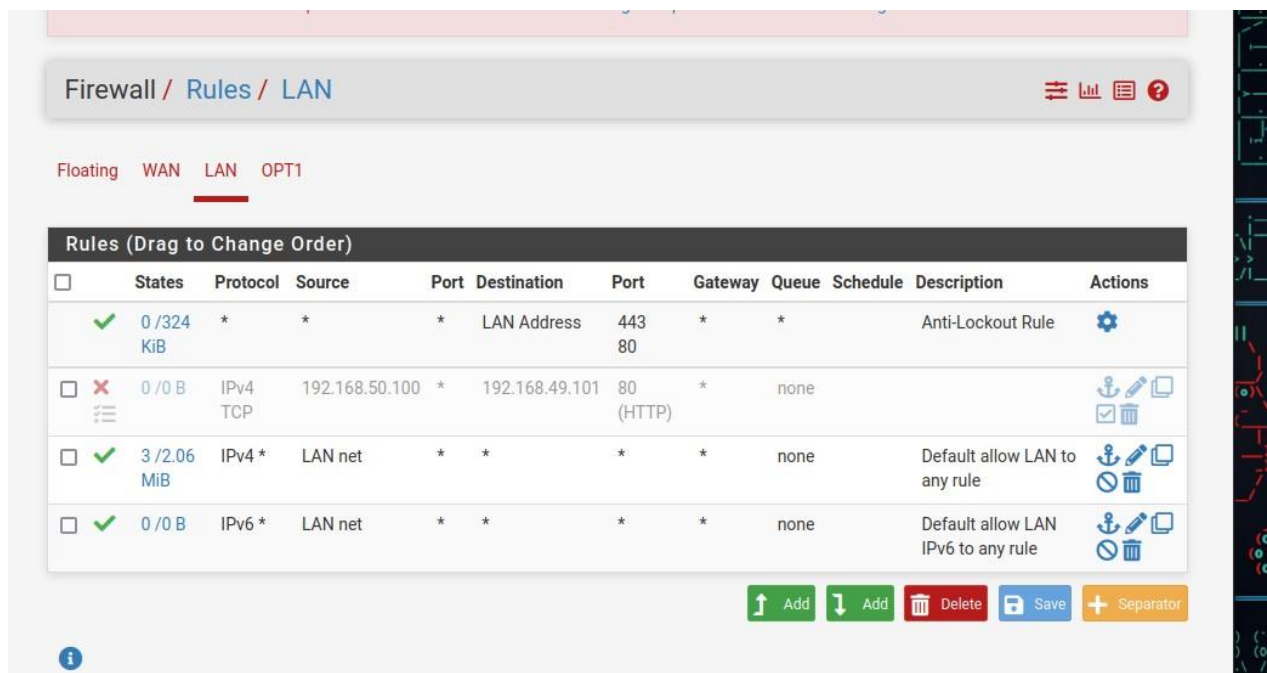
```
msfadmin@metasploitable:~$ ping 192.168.50.100
PING 192.168.50.100 (192.168.50.100) 56(84) bytes of data:
 64 bytes from 192.168.50.100: icmp_seq=1 ttl=64 time=0.693 ms
 64 bytes from 192.168.50.100: icmp_seq=2 ttl=64 time=1.30 ms
 64 bytes from 192.168.50.100: icmp_seq=3 ttl=64 time=1.00 ms
 64 bytes from 192.168.50.100: icmp_seq=4 ttl=64 time=0.920 ms
 64 bytes from 192.168.50.100: icmp_seq=5 ttl=64 time=1.02 ms
 64 bytes from 192.168.50.100: icmp_seq=6 ttl=64 time=0.798 ms
 64 bytes from 192.168.50.100: icmp_seq=7 ttl=64 time=1.24 ms
 64 bytes from 192.168.50.100: icmp_seq=8 ttl=64 time=0.928 ms

[4]+  Stopped                  ping 192.168.50.100
msfadmin@metasploitable:~$ _
```

## Meta da kali senza regola di blocco



Regola firewall su OPT1 che è la rete Lan di meta2



Meta2 da kali con la regola

