

Instituto Tecnológico y de Estudios Superiores de Monterrey
Campus Chihuahua

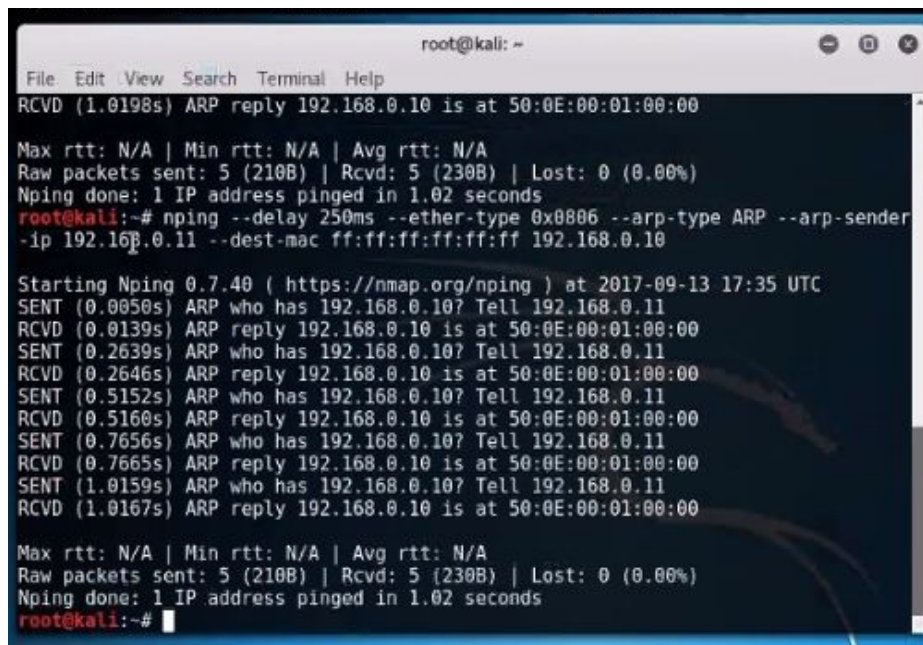
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19/09/2017

Práctica 8 - Detección de Modo Promiscuo

1. Foto de la topología
2. Comandos nping y resultados (promiscuo | sin promiscuo)

Caso 1:



```
root@kali: ~  
File Edit View Search Terminal Help  
RCVD (1.0198s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.02 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac ff:ff:ff:ff:ff:ff 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:35 UTC  
SENT (0.0050s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.0139s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.2639s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.2646s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.5152s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5160s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7656s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7665s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0159s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0167s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.02 seconds  
root@kali:~#
```

```
root@kali: ~  
File Edit View Search Terminal Help  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac ff:ff:ff:ff:ff:ff  
WARNING: No targets were specified, so 0 hosts pinged.  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac ff:ff:ff:ff:ff:ff 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:34 UTC  
SENT (0.0163s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.0175s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.2666s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.2673s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.5168s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5178s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7683s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7692s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0188s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0198s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.02 seconds  
root@kali:~#
```

Caso 2

```
root@kali: ~  
File Edit View Search Terminal Help  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 0 (0B) | Lost: 5 (100.00%)  
Nping done: 1 IP address pinged in 2.01 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac ff:ff:ff:ff:ff:fe 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:37 UTC  
SENT (0.0112s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.0123s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.2615s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.2624s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.5129s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5136s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7630s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7640s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0134s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0144s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.01 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac ff:ff:ff:ff:ff:fe 192.168.0.10
```

```
root@kali: ~  
File Edit View Search Terminal Help  
SENT (0.5152s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5160s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7656s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7665s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0159s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0167s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.02 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac ff:ff:ff:ff:ff:fe 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:36 UTC  
SENT (0.0106s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (0.2609s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (0.5110s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (0.7615s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (1.0116s) ARP who has 192.168.0.10? Tell 192.168.0.11  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 0 (0B) | Lost: 5 (100.00%)  
Nping done: 1 IP address pinged in 2.01 seconds  
root@kali:~#
```

Caso 3:

```
root@kali: ~  
File Edit View Search Terminal Help  
SENT (1.0059s) ARP who has 192.168.0.10? Tell 192.168.0.11  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 0 (0B) | Lost: 5 (100.00%)  
Nping done: 1 IP address pinged in 2.01 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac ff:00:00:00:00:00 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:39 UTC  
SENT (0.0113s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.0150s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.2650s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.2657s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.5153s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5160s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7664s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7674s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0175s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0182s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.02 seconds  
root@kali:~#
```



```
root@kali: ~  
File Edit View Search Terminal Help  
SENT (0.5129s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5136s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7630s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7640s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0134s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0144s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.01 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x8806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac ff:00:00:00:00:00 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:39 UTC  
SENT (0.0050s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (0.2553s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (0.5054s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (0.7554s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (1.0059s) ARP who has 192.168.0.10? Tell 192.168.0.11  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 0 (0B) | Lost: 5 (100.00%)  
Nping done: 1 IP address pinged in 2.01 seconds  
root@kali:~#
```

Caso 4:

```
root@kali: ~  
File Edit View Search Terminal Help  
RCVD (1.0145s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.01 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x8806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac 01:00:5e:00:00:00 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:42 UTC  
SENT (0.0046s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.0056s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.2549s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.2555s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.5051s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5058s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7562s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7569s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0064s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0107s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.01 seconds  
root@kali:~#
```

```
root@kali: ~  
File Edit View Search Terminal Help  
RCVD (1.0181s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.02 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac 01:00:5e:00:00:00 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:42 UTC  
SENT (0.0053s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.0119s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.2619s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.2626s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.5123s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5130s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7635s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7642s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0137s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0145s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.01 seconds  
root@kali:~#
```

Caso 5:

```
root@kali: ~  
File Edit View Search Terminal Help  
RCVD (1.0145s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.01 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac 01:00:5e:00:00:01 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:42 UTC  
SENT (0.0046s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.0056s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.2549s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.2555s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.5051s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5058s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7562s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7569s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0064s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0107s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.01 seconds  
root@kali:~#
```



```
root@kali: ~  
File Edit View Search Terminal Help  
RCVD (1.9181s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.02 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac 01:00:5e:00:00:01 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:42 UTC  
SENT (0.0053s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.0119s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.2619s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.2626s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.5122s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5136s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7635s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7642s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0137s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0145s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.01 seconds  
root@kali:~#
```

Caso 6:

```
root@kali: ~  
File Edit View Search Terminal Help  
SENT (1.0060s) ARP who has 192.168.0.10? Tell 192.168.0.11  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 0 (0B) | Lost: 5 (100.00%)  
Nping done: 1 IP address pinged in 2.01 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac 01:00:5e:00:00:02 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:43 UTC  
SENT (0.0048s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.0058s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.2551s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.2558s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.5052s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5061s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7555s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7602s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0068s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0076s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.01 seconds  
root@kali:~#
```

```
root@kali: ~  
File Edit View Search Terminal Help  
SENT (0.5051s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5058s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7562s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7569s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0064s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0107s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.01 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac 01:00:5e:00:00:02 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:43 UTC  
SENT (0.0047s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (0.2551s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (0.5056s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (0.7559s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (1.0060s) ARP who has 192.168.0.10? Tell 192.168.0.11  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 0 (0B) | Lost: 5 (100.00%)  
Nping done: 1 IP address pinged in 2.01 seconds  
root@kali:~#
```

Caso 7:

```
root@kali: ~  
File Edit View Search Terminal Help  
SENT (1.0180s) ARP who has 192.168.0.10? Tell 192.168.0.11  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 0 (0B) | Lost: 5 (100.00%)  
Nping done: 1 IP address pinged in 2.02 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac ff:ff:00:00:00:00 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:49 UTC  
SENT (0.0047s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.0056s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.2551s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.2558s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.5053s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5061s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7557s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7565s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0069s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0075s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.01 seconds  
root@kali:~#
```

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root@kali: ~  
File Edit View Search Terminal Help  
SENT (0.5052s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.5061s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (0.7555s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (0.7602s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
SENT (1.0068s) ARP who has 192.168.0.10? Tell 192.168.0.11  
RCVD (1.0076s) ARP reply 192.168.0.10 is at 50:0E:00:01:00:00  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 5 (230B) | Lost: 0 (0.00%)  
Nping done: 1 IP address pinged in 1.01 seconds  
root@kali:~# nping --delay 250ms --ether-type 0x0806 --arp-type ARP --arp-sender  
-ip 192.168.0.11 --dest-mac ff:ff:00:00:00:00 192.168.0.10  
  
Starting Nping 0.7.40 ( https://nmap.org/nping ) at 2017-09-13 17:48 UTC  
SENT (0.0118s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (0.2671s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (0.5173s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (0.7675s) ARP who has 192.168.0.10? Tell 192.168.0.11  
SENT (1.0180s) ARP who has 192.168.0.10? Tell 192.168.0.11  
  
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A  
Raw packets sent: 5 (210B) | Rcvd: 0 (0B) | Lost: 5 (100.00%)  
Nping done: 1 IP address pinged in 2.02 seconds  
root@kali:~#
```