

Ex. No.: 7

Date: 06/04/24

## MITM ATTACK WITH ETTERCAP

### AIM:

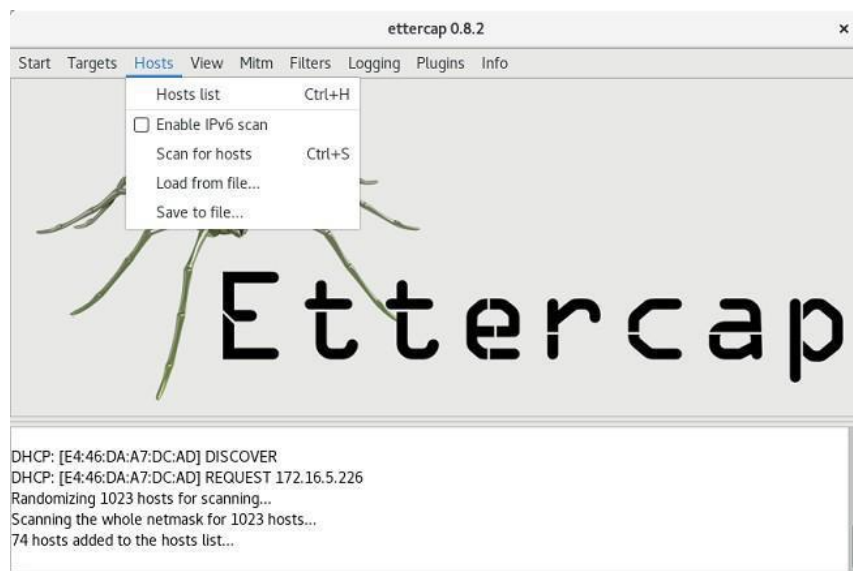
To initiate a MITM attack using ICMP redirect with Ettercap tool.

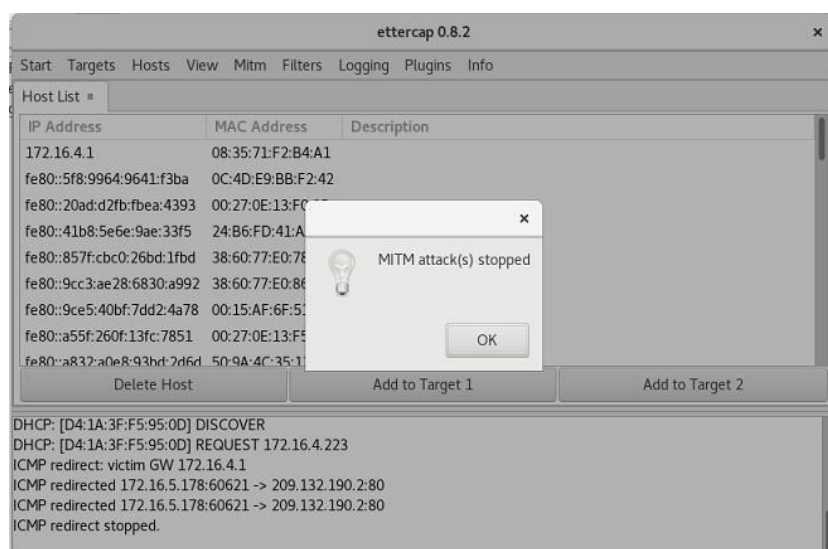
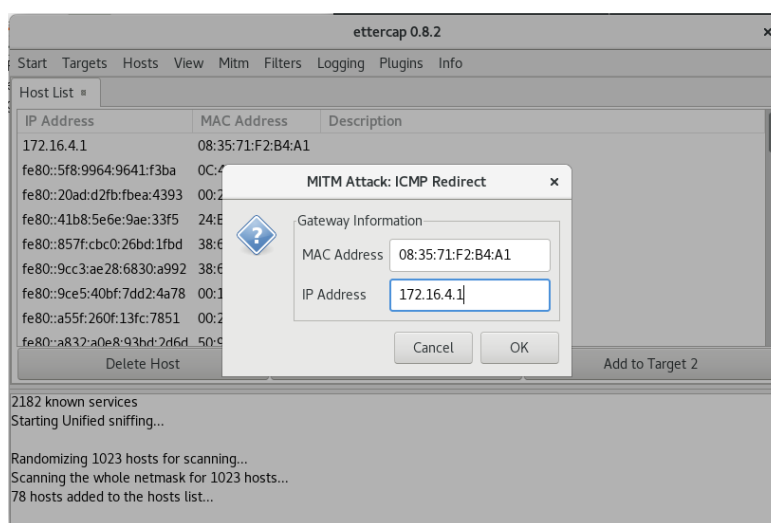
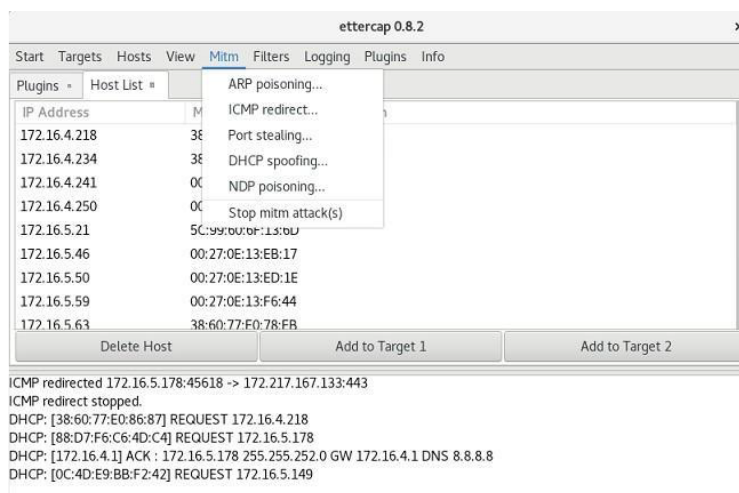
### ALGORITHM:

- 1.Install ettercap if not done already using the command- `dnf install ettercap`
- 2.Open etter.conf file and change the values of `ec_uid` and `ec_gid` to zero from default. `vi /etc/ettercap/etter.conf`
- 3.Next start ettercap in GTK `ettercap -G`
- 4.Click sniff, followed by unified sniffing.
- 5.Select the interface connected to the network.
- 6.Next ettercap should load into attack mode by clicking Hosts followed by Scan for Hosts
- 7.Click Host List and choose the IP address for ICMP redirect
- 8.Now all traffic to that particular IP address is redirected to some other IP address.
- 9.Click MITM and followed by Stop to close the attack.

### OUTPUT:

```
[root@localhost security lab]# dnf install ettercap
[root@localhost security lab]# vi /etc/ettercap/etter.conf
[root@localhost security lab]# ettercap -G
```





RESULT:

Thus, a MITM attack using ICMP redirect with Ettercap tool has been initiated.