

EX NO: 12

DATE:

MITM ATTACK WITH ETTERCAP

AIM:

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

ALGORITHM:

Step 1: Install ettercap if not done already using the command- `dnf install ettercap`.

Step 2: Open etter.conf file and change the values of `ec_uid` and `ec_gid` to zero from default. `vi /etc/ettercap/etter.conf`.

Step 3: Next start ettercap in GTK `ettercap -G`.

Step 4: Click sniff, followed by unified sniffing.

Step 5: Select the interface connected to the network.

Step 6: Next ettercap should load into attack mode by clicking Hosts followed by Scan for Hosts.

Step 7: Click Host List and choose the IP address for ICMP redirect.

Step 8: Now all traffic to that particular IP address is redirected to some other IP address.

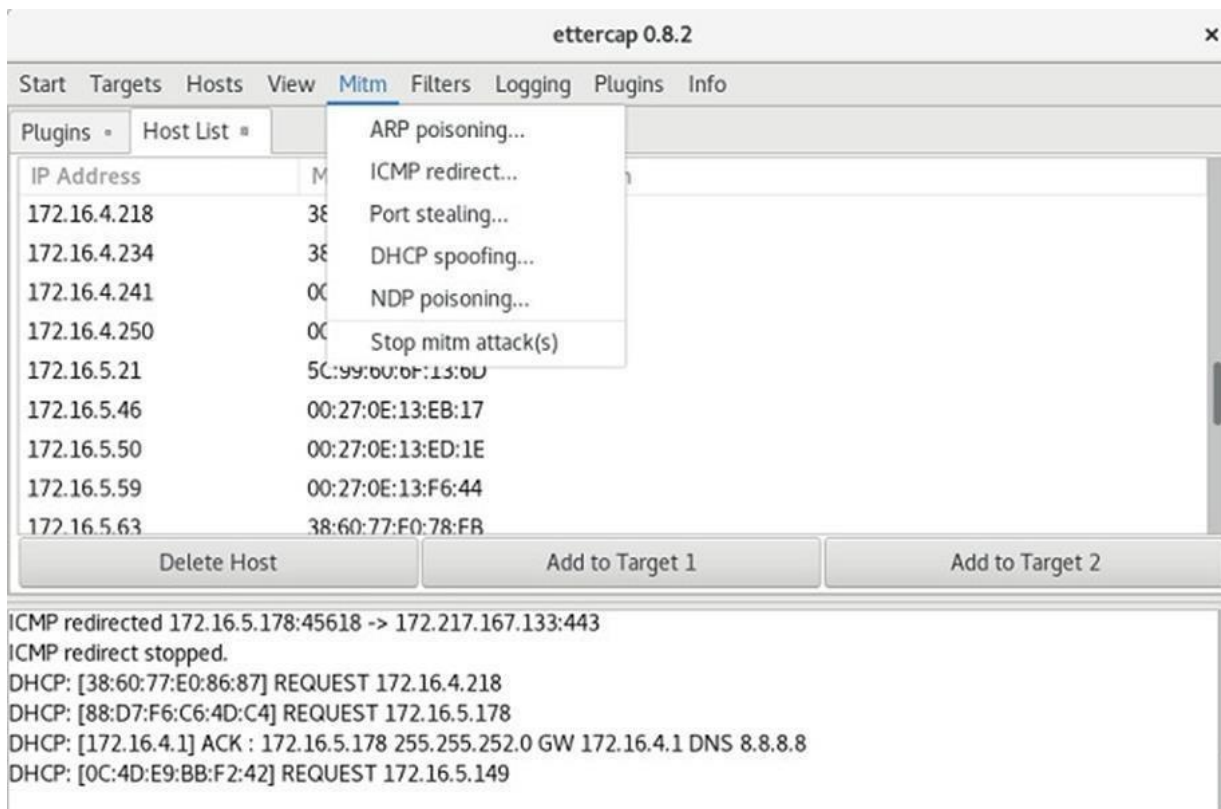
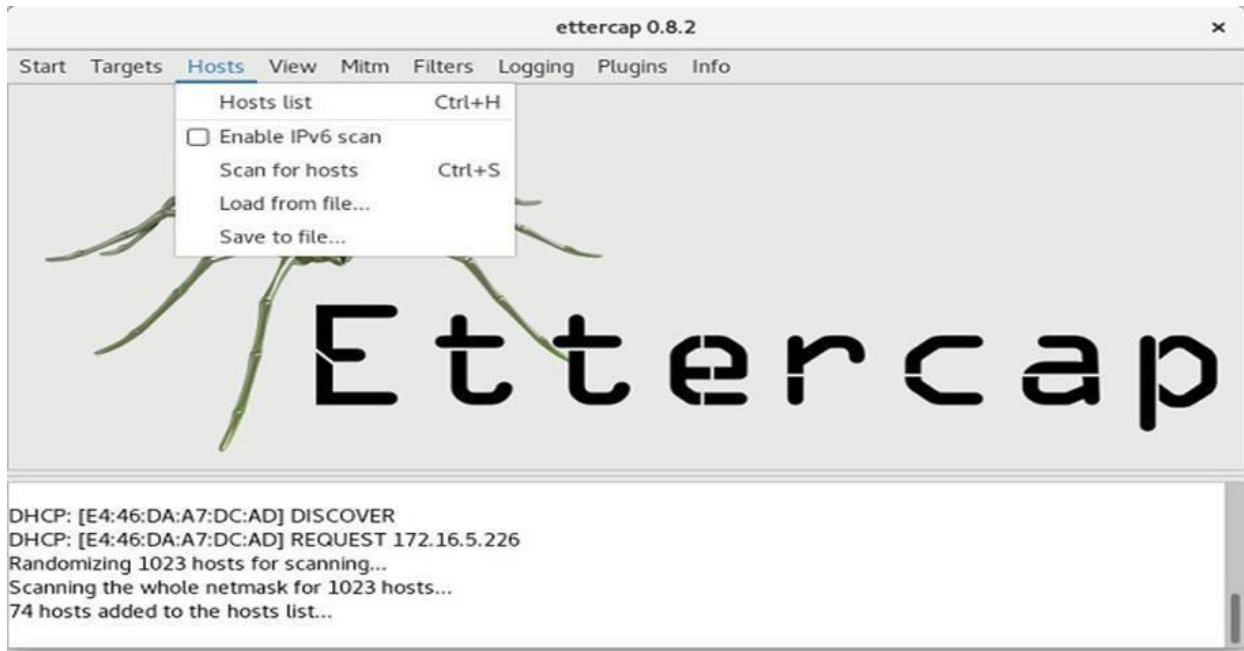
Step 9: Click MITM and followed by Stop to close the attack.

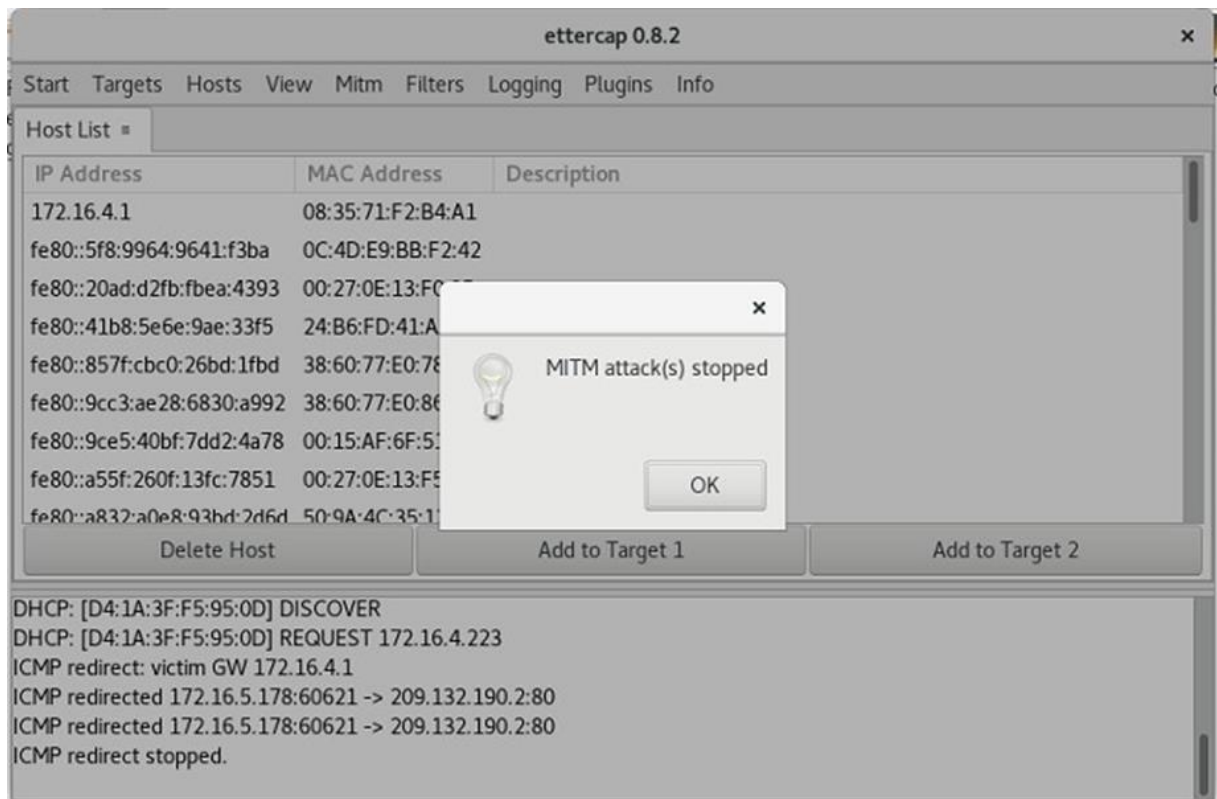
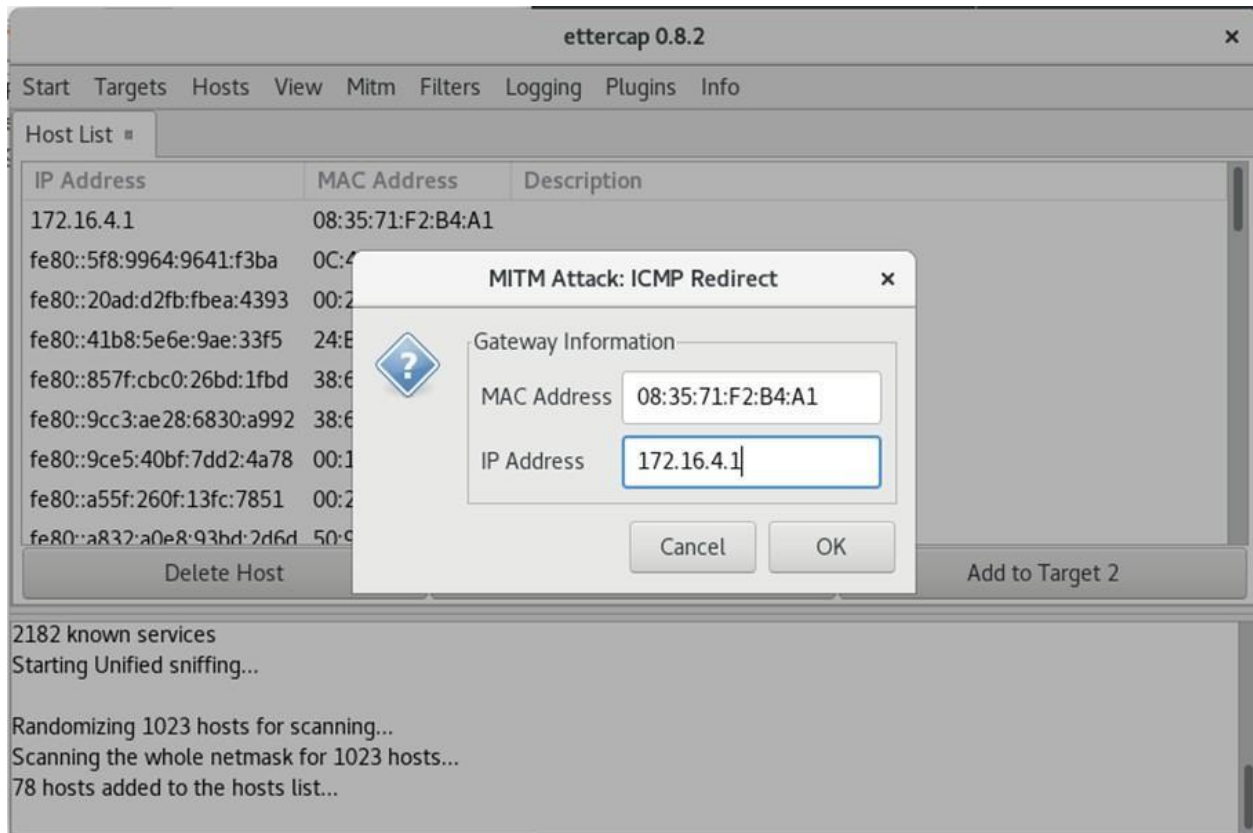
OUTPUT:

```
[root@localhost security lab]# dnf install ettercap
```

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

```
[root@localhost security lab]# ettercap -G
```





RESULT: