

**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.

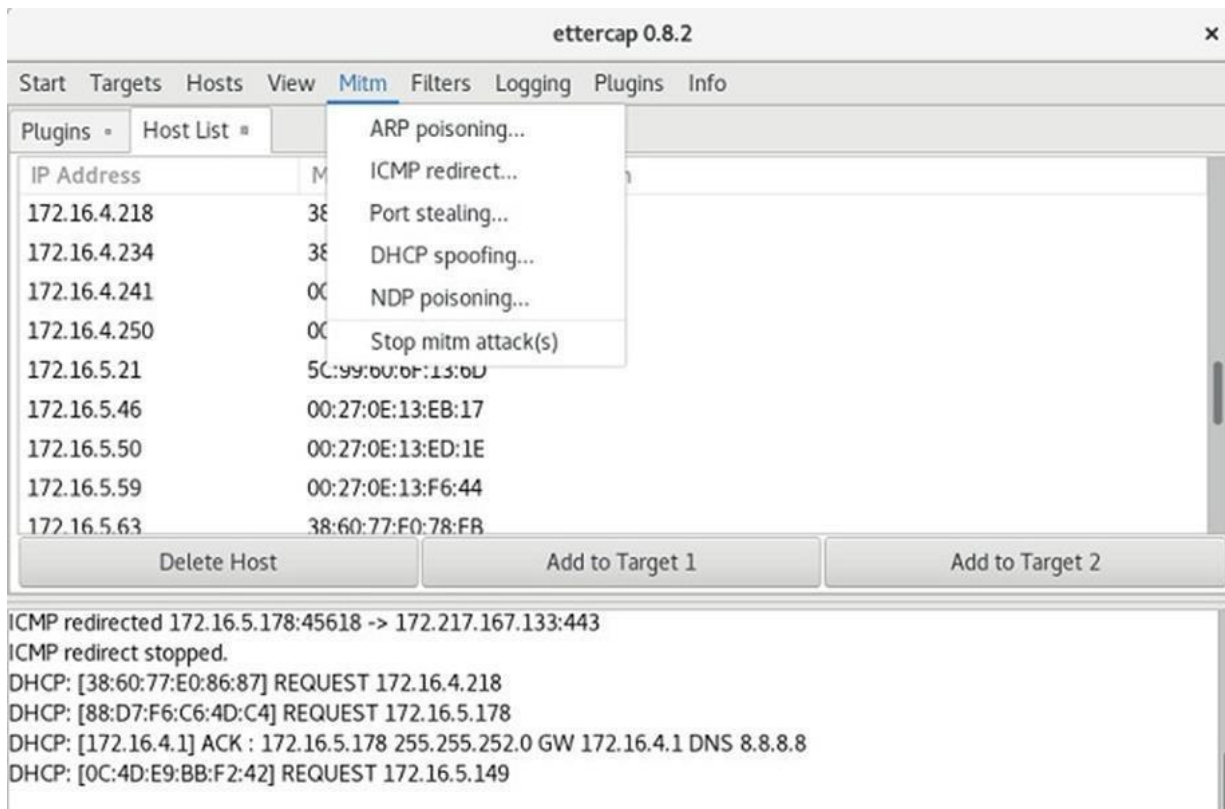
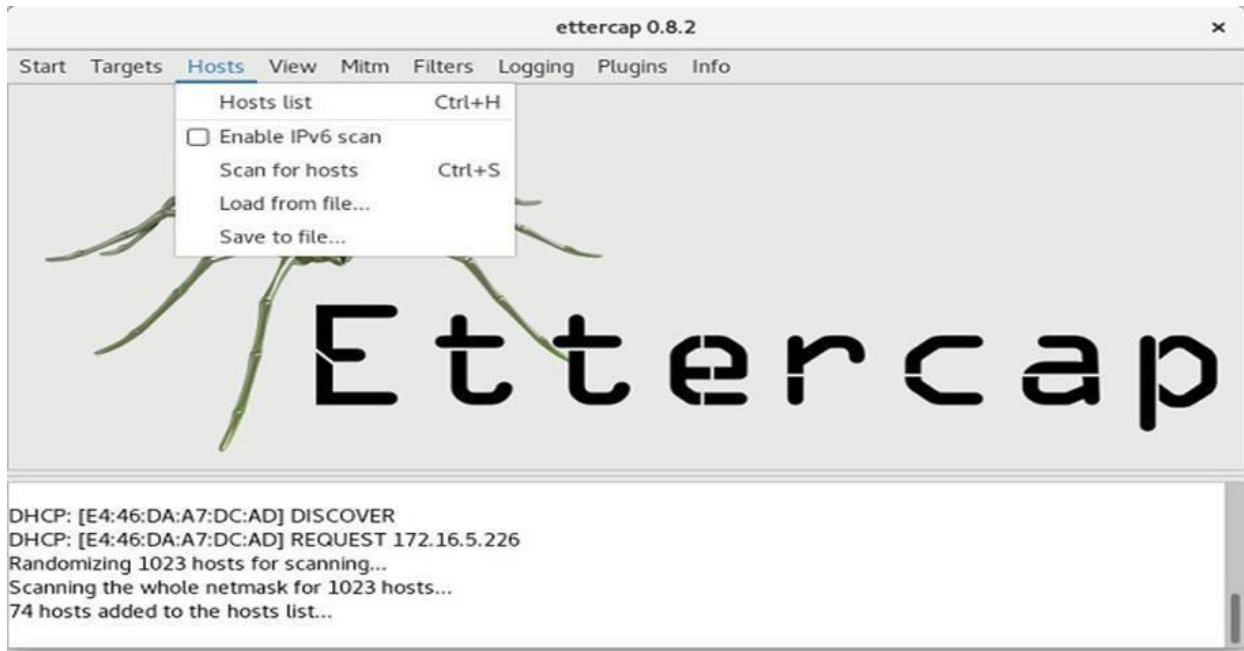
**Step 9:** Click MITM and followed by Stop to close the attack.

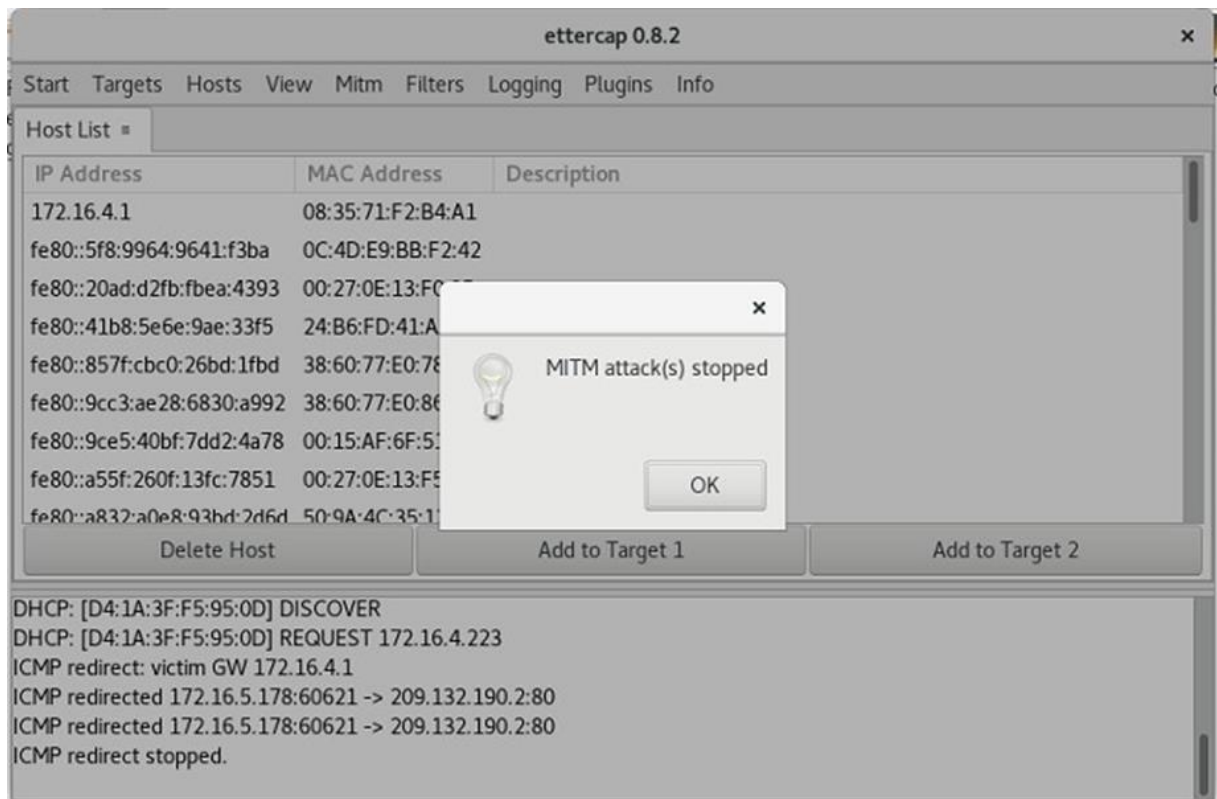
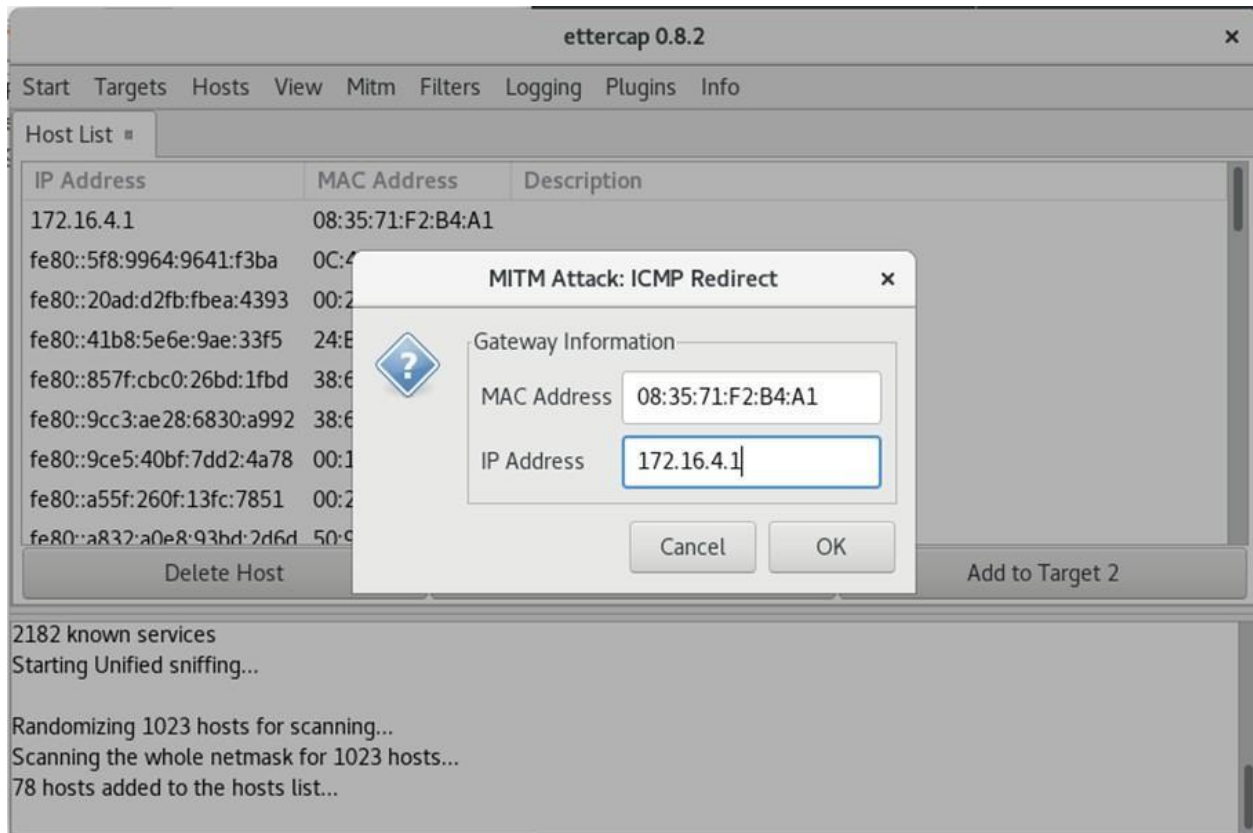
### **OUTPUT:**

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

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

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





**RESULT:**