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Ex. No: 10

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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:

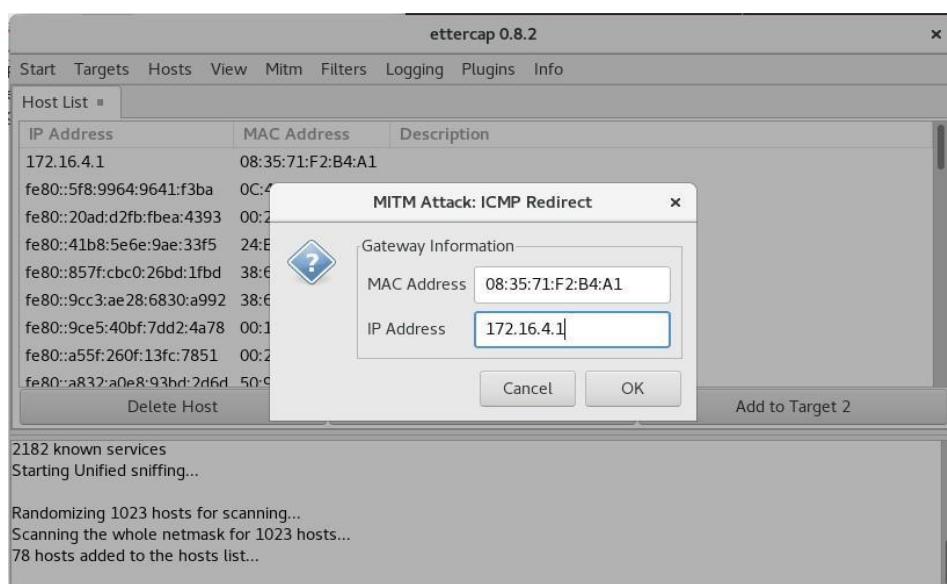
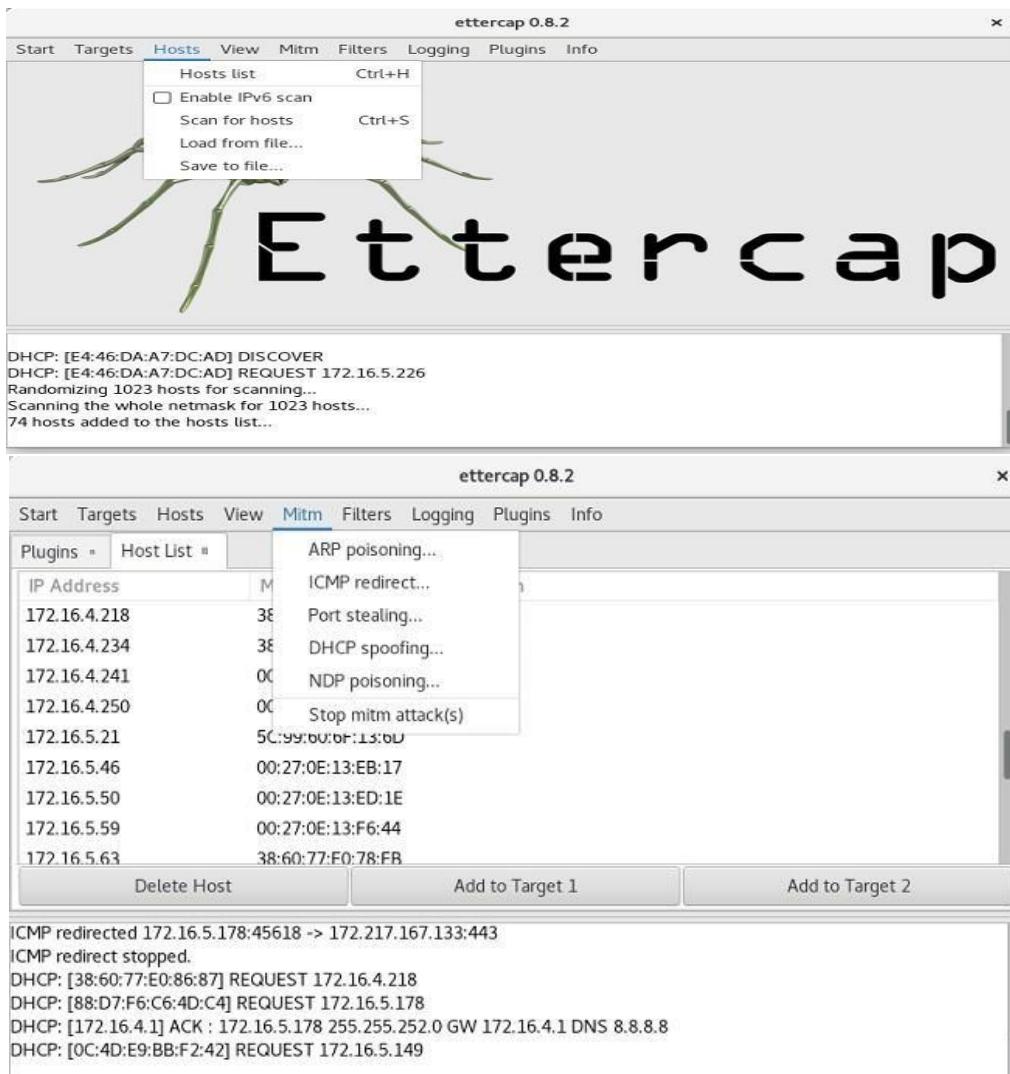
```
[root@localhost]# sudo apt install ettercap-graphical
```

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

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

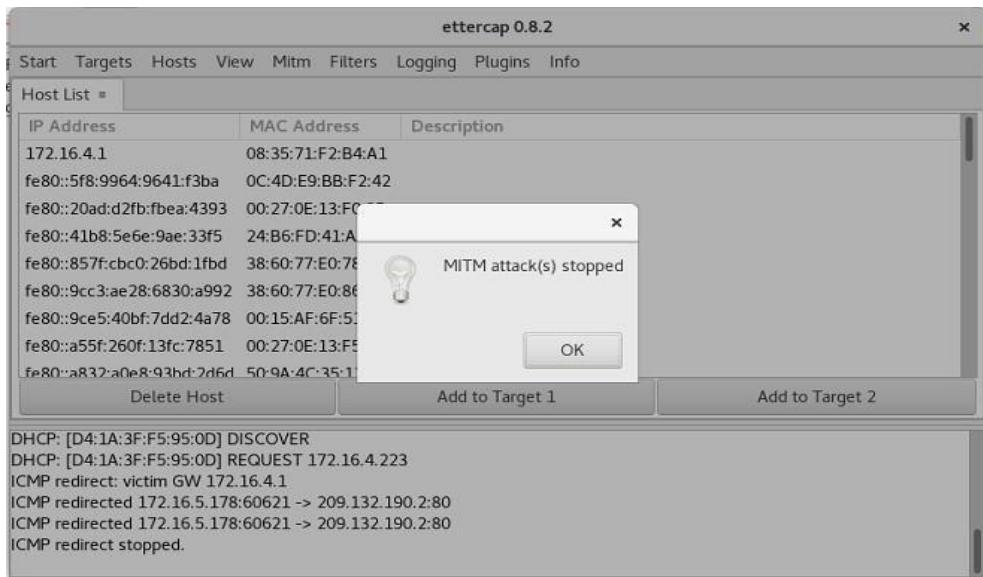
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RESULT:

Thus the MITM attack has been successfully executed using Ettercap tool.