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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 commanddnf 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

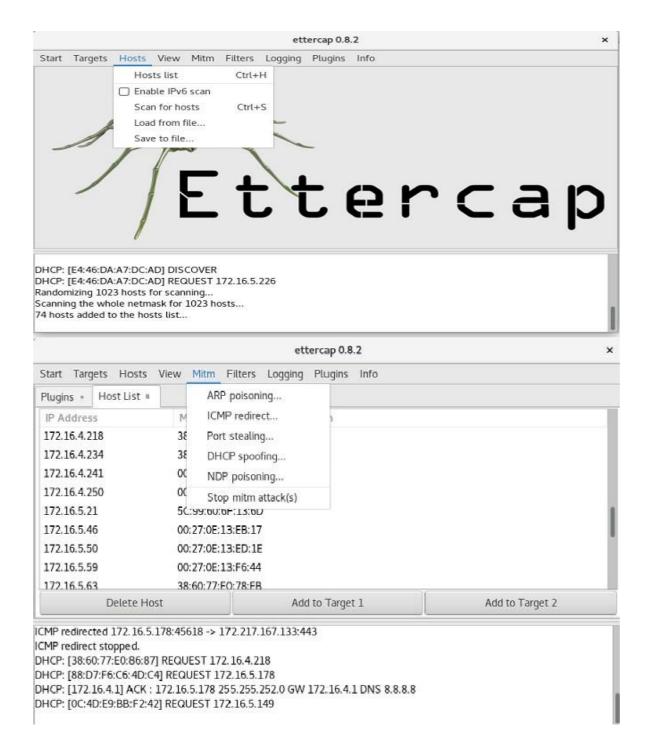
ettercap -G

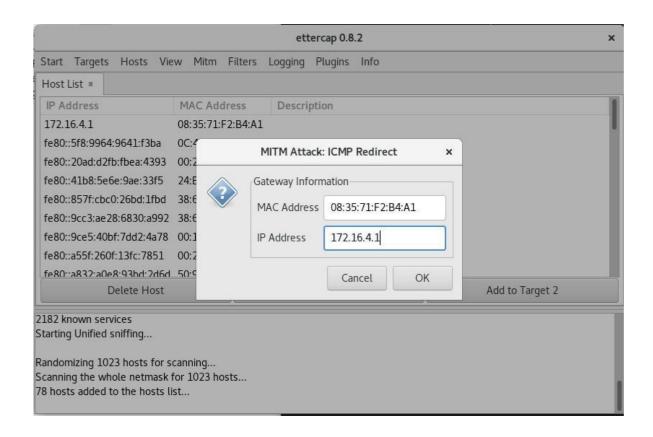
- 4. Click sniff, followed by unified sniffing.
- 5. Select the interface connected to the network.
- 6. Next ettercap should load into attack mode by clicking Hosts followed by Scan for Hosts
- 7. Click Host List and choose the IP address for ICMP redirect
- 8. Now all traffic to that particular IP address is redirected to some other IP address.
- 9. Click MITM and followed by Stop to close the attack.

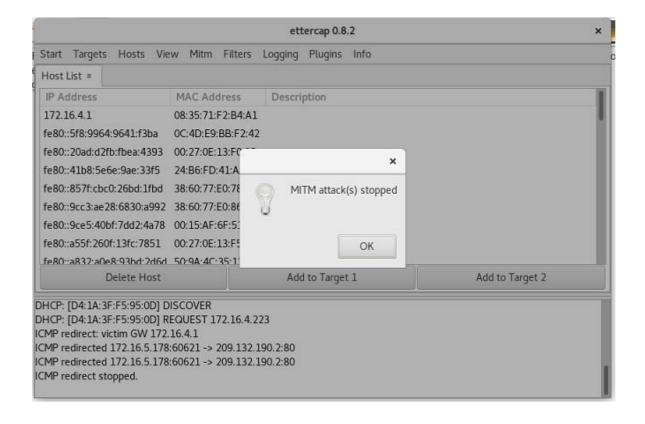
Output:

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

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