Ex. No.: 7 Date: 06/04/24

# MITM ATTACK WITH ETTERCAP

#### AIM:

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

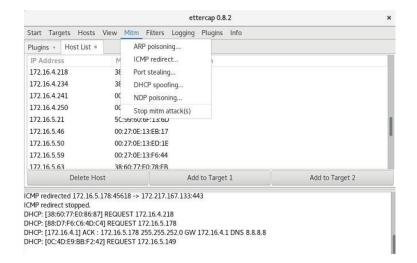
## ALGORITHM:

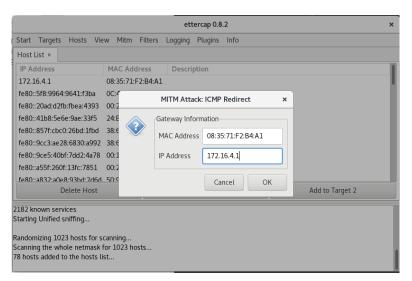
- 1.Install ettercap if not done already using the command- dnf install ettercap
- 2.Open etter.conf file and change the values of ec\_uid and ec\_gid to zero from default. vi /etc/ettercap/etter.conf
- 3.Next start ettercap in GTK ettercap -G
- 4. Click sniff, followed by unified sniffing.
- 5. Select 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.

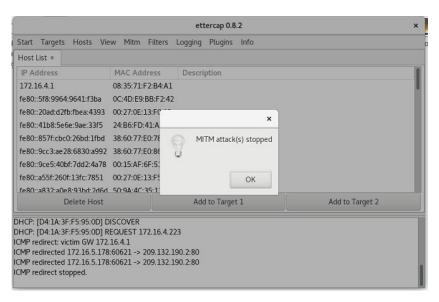
## **OUTPUT:**

[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.