

InSkill:-

Steps to Perform ARP Poisoning/Spoofing Using Ettercap:

1. **Install Ettercap:**
 - **Command:** `sudo apt-get install ettercap-graphical`
 - **Description:** Install Ettercap on a Linux system with a graphical interface.
2. **Open Ettercap:**
 - **Command:** `sudo ettercap -G`
 - **Description:** Launch Ettercap in graphical mode to make it easier to configure and execute the attack.
3. **Select Network Interface:**
 - **Description:** Choose the appropriate network interface (e.g., `eth0`, `wlan0`) that is connected to the target network.
4. **Scan for Hosts:**
 - **Navigate to:** Hosts > Scan for Hosts
 - **Description:** Perform a scan to discover all live hosts in the network.
5. **Identify Targets:**
 - **Navigate to:** Hosts > Hosts List
 - **Description:** View the list of discovered hosts and identify the IP addresses of the target devices (e.g., victim's IP and gateway IP).
6. **Add Targets:**
 - **Action:** Select the victim's IP and gateway IP from the hosts list.
 - **Navigate to:** Targets > Add to Target 1 and Targets > Add to Target 2
 - **Description:** Assign the victim's IP as Target 1 and the gateway's IP as Target 2.
7. **Initiate ARP Poisoning:**
 - **Navigate to:** Mitm > ARP Poisoning
 - **Check:** Sniff remote connections
 - **Description:** Start ARP poisoning to intercept traffic between the victim and the gateway.
8. **Start Packet Sniffing:**
 - **Action:** Click Start > Start sniffing
 - **Description:** Ettercap will now begin intercepting and logging the packets exchanged between the victim and the gateway.
9. **Monitor the Attack:**
 - **Navigate to:** View > Connections or View > Packet List
 - **Description:** Monitor the intercepted data to analyze the ongoing communication, which can include sensitive information like login credentials.
10. **Stop the Attack:**
 - **Action:** Once the demonstration is complete, stop the attack.
 - **Navigate to:** Mitm > Stop Mitm Attack(s) and Start > Stop sniffing
 - **Description:** Safely end the ARP poisoning session and sniffing.