User Manual

Programs to download (including their versions):

To setup the victim, the following downloads are required:

- machine/OS: Microsoft Windows XP 32-bit - Home Edition - Version 2002
- Mozilla Firefox - 4.0 (to be downloaded on the machine of the previous bullet point)

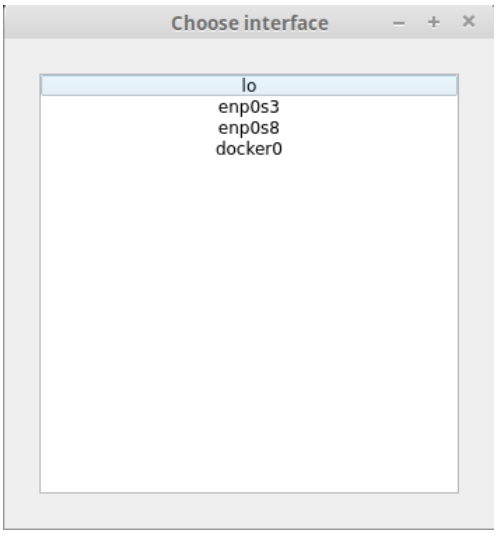
To setup the attacker, the following downloads are required/recommended:

- Recommended machine/OS: Linux Mint 18.3 Cinnamon 64-bit
- Required programs: plug-and-play tool (GITHUB link)

After these downloads are completed, the attack can be performed by means of the plug-and-play tool

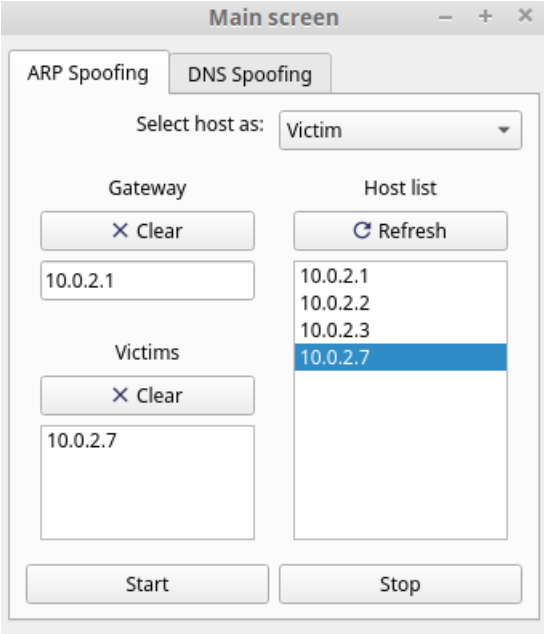
Steps to follow in order to successfully perform the attack:

1. Start up the victim's machine
    a. Important to check that the victim has access to the Internet
2. Start up the attacker's machine
3. Start up the plug-and-play tool by running the command [terminal] ►sudo python3.9 gui.py
4. Pick one of the available interfaces at the 'Choose Interface' tab (appears when the tool is started)



5. To execute the ARP poisoning attack, do the following:
    a. Navigate to the 'ARP' tab
    b. Assign 1 host to be the gateway by first navigating to 'Select host as:' and select 'Gateway'. Then navigate to 'Host list' and double-click on the host that you want to add (do note that loading hosts can take a couple of seconds, if something went wrong, press 'Clear' and start over)

c. Assign 1 (or multiple) hosts to be the victim by first navigating to 'Select host as:' and select 'Victim'. Then navigate to 'Host list' and double-click on the host that you want to add.



d. Press 'Start' to start the attack, press 'Stop' to stop it.

6. To execute the DNS poisoning attack, do the following:
   a. Navigate to the 'DNS spoofing' tab
   b. Navigate to 'Hostname' and fill in a desired hostname, e.g., google.com
   c. Navigate to 'IP Address' and fill in a desired IP address (of the attacker), e.g., 10.0.2.6.
   d. Press Add, then press 'Start' to start the attack, 'Stop' to stop it.