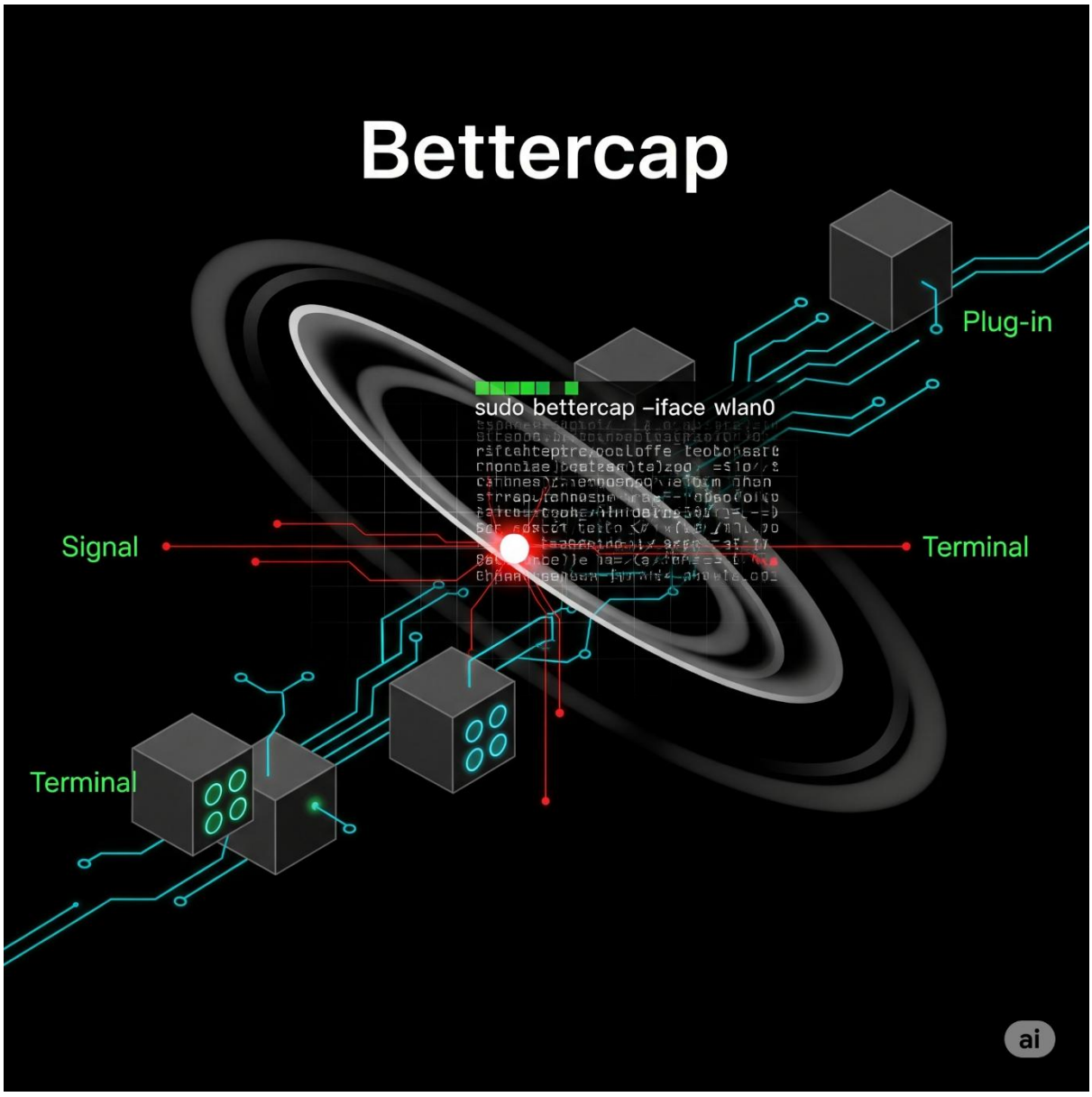
Day 18 of Learning Cyber Security

Platform: Kali Linux

Name: Ayesha Nadeem

Topic: Bettercap



Contact Me: ayeshanm8@gmail.com

Date: 18th July, 2025

Bettercap: ARP poisoning

Install Bettercap:

Command 1:

```
┌──(ayeshanadeem㉿ayeshanadeem)-[~]
└─$ sudo apt install bettercap
[sudo] password for ayeshanadeem:
Installing:
  bettercap

Installing dependencies:
  bettercap-caplets

Suggested packages:
  bettercap-ui

Summary:
  Upgrading: 0, Installing: 2, Removing: 0, Not Upgrading: 2181
  Download size: 7731 kB
  Space needed: 29.5 MB / 7064 MB available

Continue? [Y/n] y
Get:1 http://kali.download/kali kali-rolling/main amd64 bettercap amd64 2.33.0-1kali1 [7618 kB]
Get:2 http://http.kali.org/kali kali-rolling/main amd64 bettercap-caplets all 0+git20240106-2kali1 [113 kB]
Fetched 7731 kB in 1min 26s (89.7 kB/s)
Selecting previously unselected package bettercap.
(Reading database ... 390950 files and directories currently installed.)
Preparing to unpack .../bettercap_2.33.0-1kali1_amd64.deb ...
Unpacking bettercap (2.33.0-1kali1) ...
Selecting previously unselected package bettercap-caplets.
Preparing to unpack .../bettercap-caplets_0+git20240106-2kali1_all.deb ...
Unpacking bettercap-caplets (0+git20240106-2kali1) ...
Setting up bettercap (2.33.0-1kali1) ...
bettercap.service is a disabled or a static unit, not starting it.
Setting up bettercap-caplets (0+git20240106-2kali1) ...
Processing triggers for kali-menu (2023.4.7) ...
```

Command 2:

```
┌──(ayeshanadeem㉿ayeshanadeem)-[~]
└─$ sudo su
┌──(root㉿ayeshanadeem)-[/home/ayeshanadeem]
└─# echo 1 > /proc/sys/net/ipv4/ip_forward
```

Fetch your IP address:

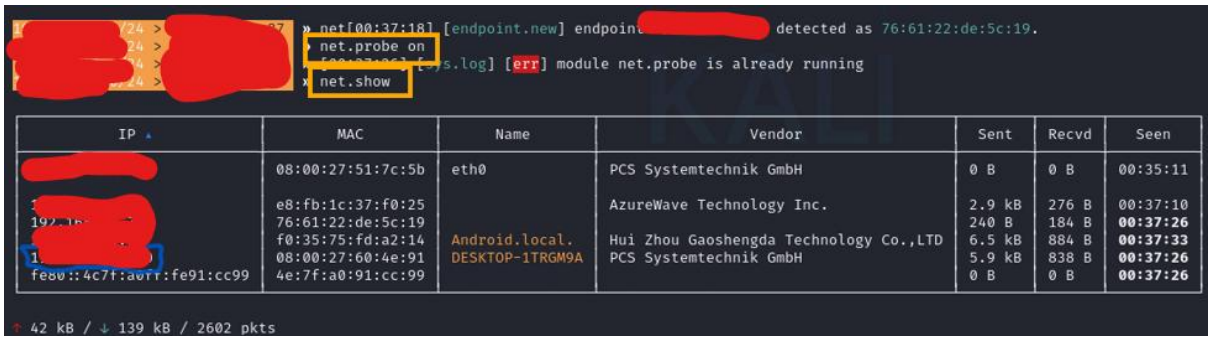
Command 3:

```
┌──(root㉿ayeshanadeem)-[/home/ayeshanadeem]
└─# ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet [redacted]/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:51:7c:5b brd ff:ff:ff:ff:ff:ff
    inet [redacted]/24 brd [redacted] scope global dynamic noprefixroute eth0
       valid_lft 376sec preferred_lft 376sec
    inet6 2402:ad80:6c:14f6:431a:5230:865a:8964/64 scope global temporary dynamic
       valid_lft 6813sec preferred_lft 6813sec
    inet6 2402:ad80:6c:14f6:a00:27ff:fe51:7c5b/64 scope global dynamic mngtmpaddr noprefixroute
       valid_lft 6813sec preferred_lft 6813sec
    inet6 fe80::a00:27ff:fe51:7c5b/64 scope link noprefixroute
       valid_lft forever preferred_lft forever
```

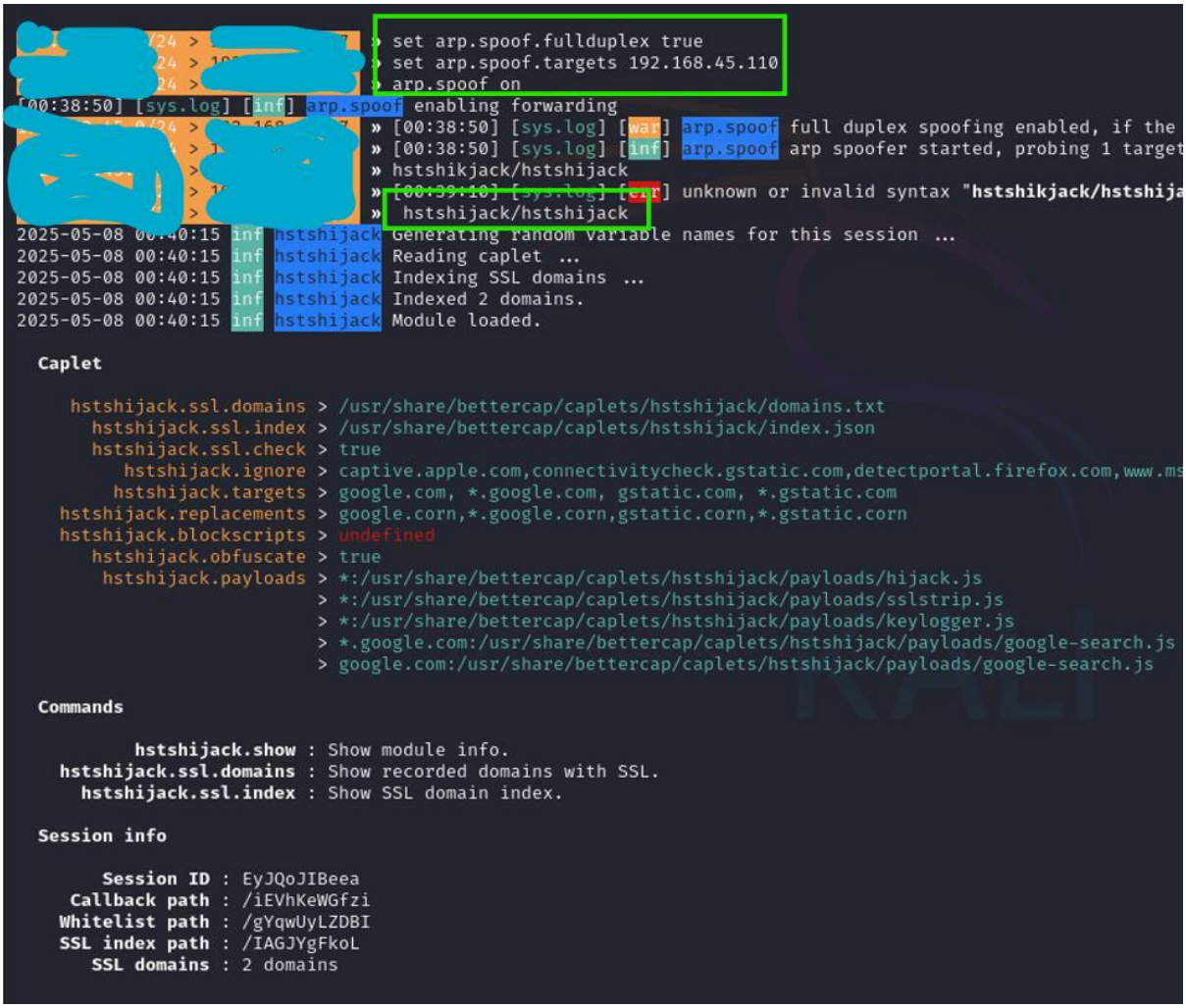
Start the bettercap:

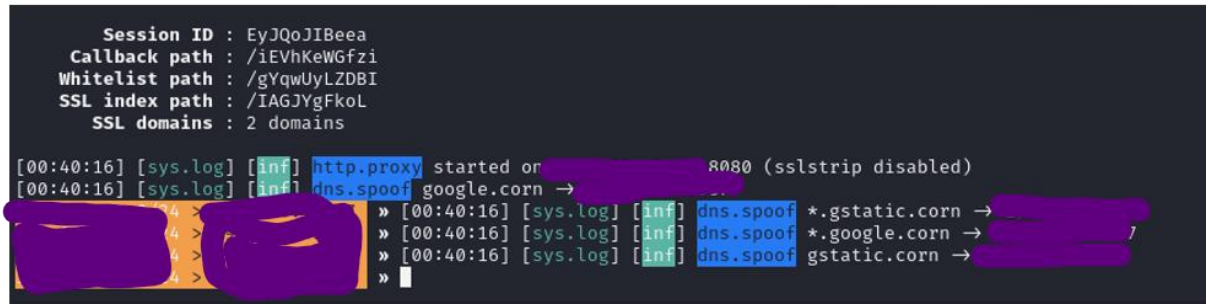
Command 4:

Command 5:



Command 6:

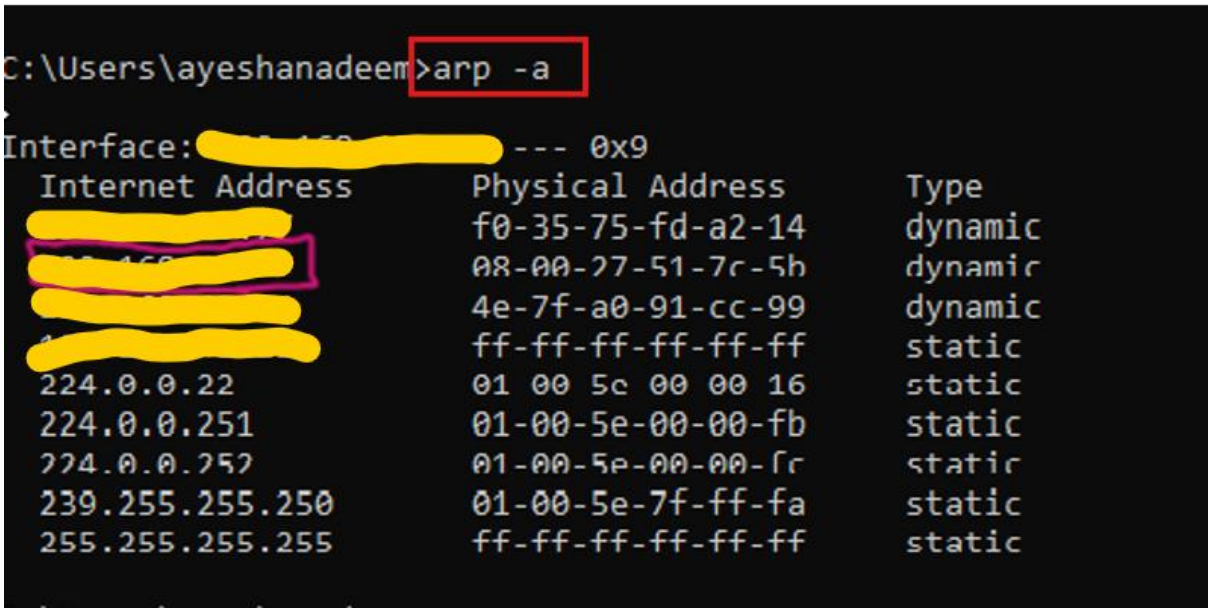




Verify ARP poisoning:

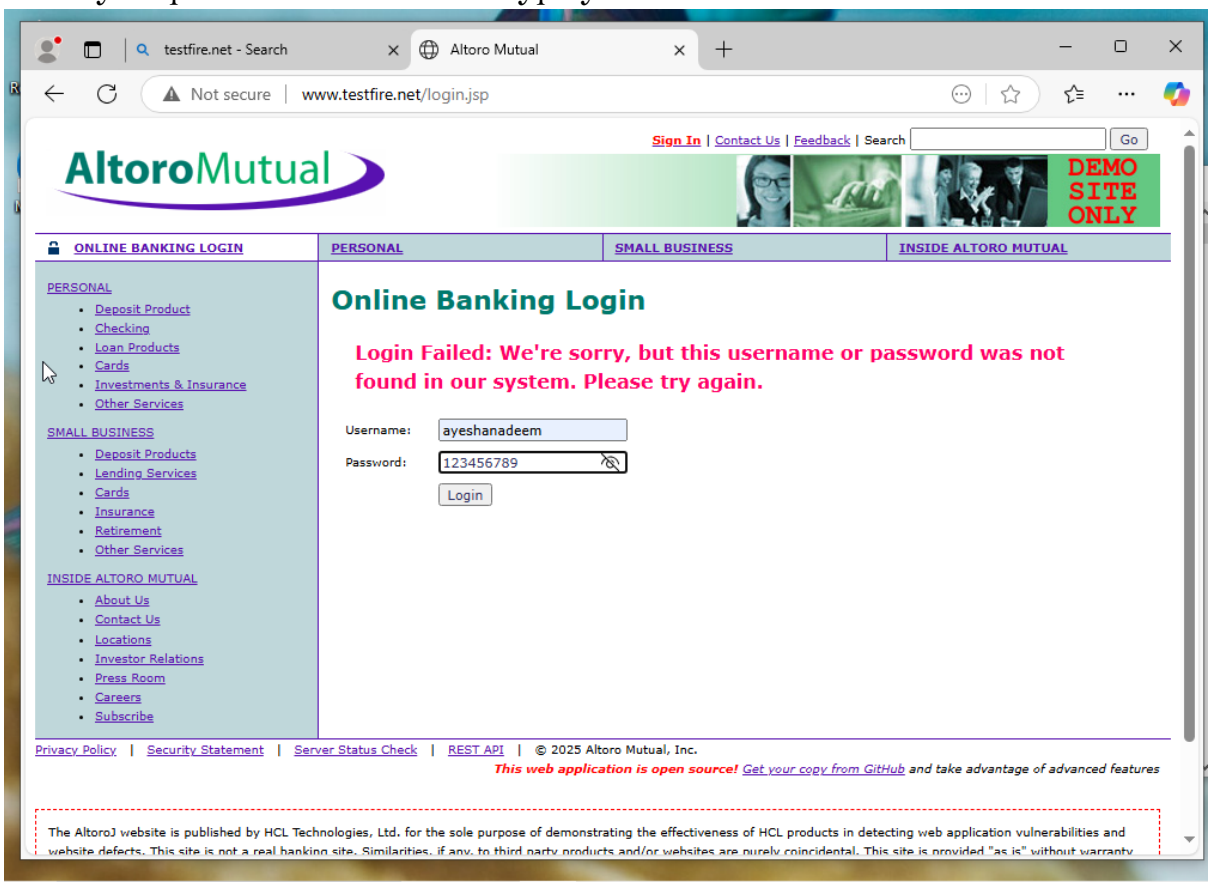
Command 7:

In windows type this command to confirm windows poisoned or not. If it is poisoned then here you will also see kali linux IP, along with widows IP



Login Credential:

On any http website in windows type your credentials.



Credential Captured Successully: