

1. Trace DHCP Protocol On Wireshark

- > First went to Wireshark couldnot find anything when searched for dhcp
- > Then went to command prompt and searched for ipconfig/renew

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C:\Users\suraj>ipconfig/renew

Windows IP Configuration

No operation can be performed on Ethernet while it has its media disconnected.
No operation can be performed on Local Area Connection* 1 while it has its media disconnected.
No operation can be performed on Local Area Connection* 2 while it has its media disconnected.
No operation can be performed on Bluetooth Network Connection while it has its media disconnected.

Ethernet adapter Ethernet:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 1:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Wi-Fi:

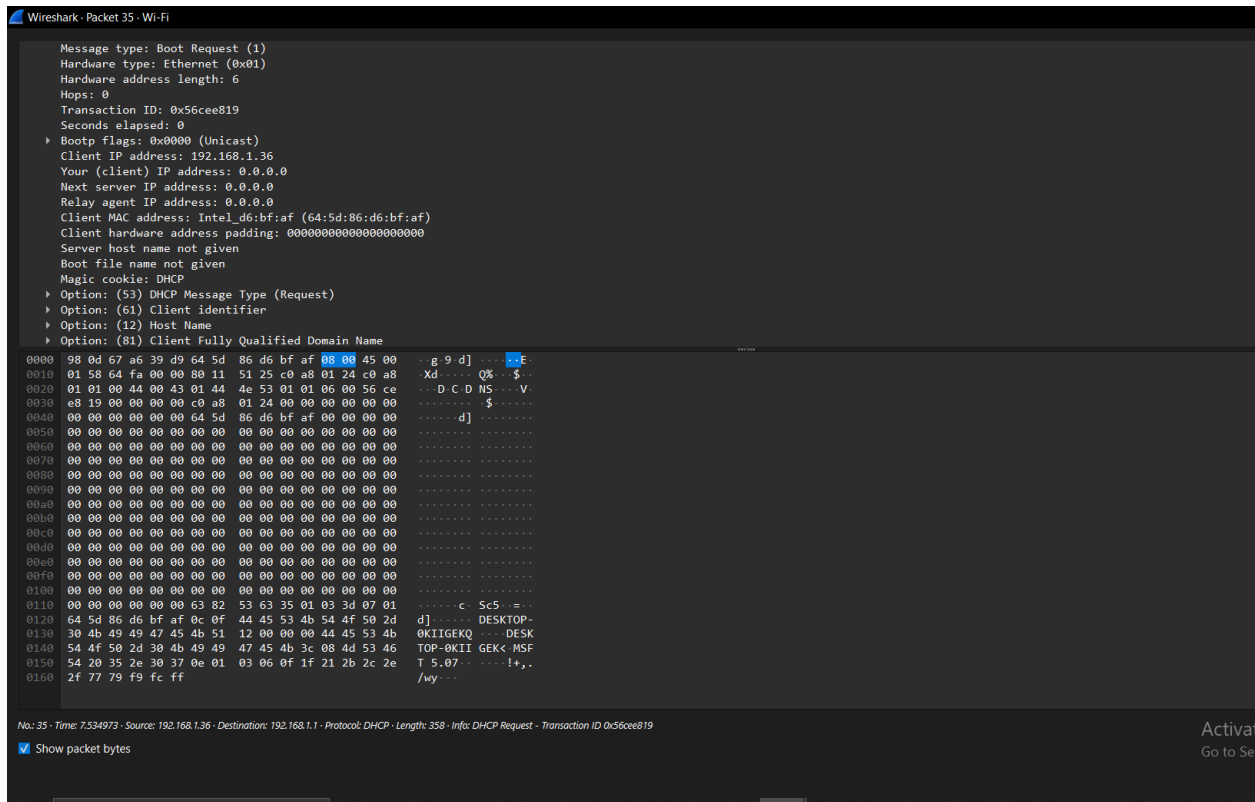
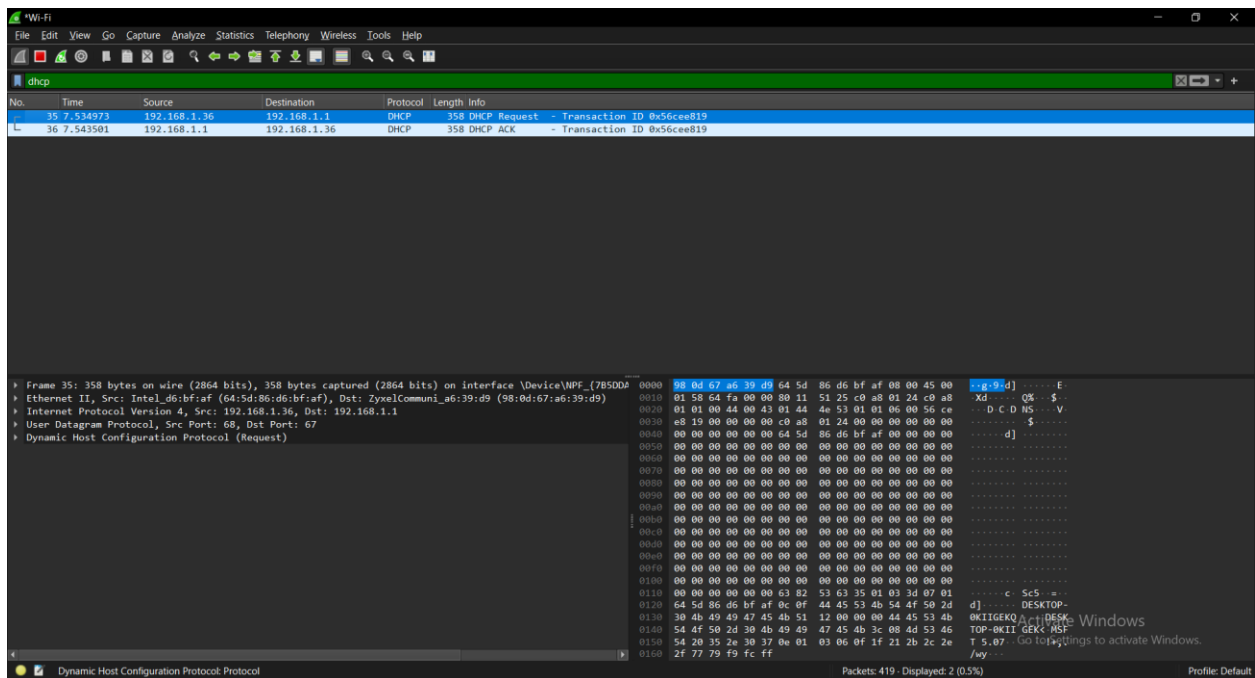
    Connection-specific DNS Suffix  . : zyxel.com
    Link-local IPv6 Address . . . . . : fe80::2e9:fe1c:5e24:affa%11
    IPv4 Address. . . . . : 192.168.1.36
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : fe80::9a0d:67ff:fea6:39d9%11
                                192.168.1.1

Ethernet adapter Bluetooth Network Connection:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

C:\Users\suraj>
```

Then observed Wireshark and got this.



2. What happens when you type Facebook.com on your browser and hit enter?