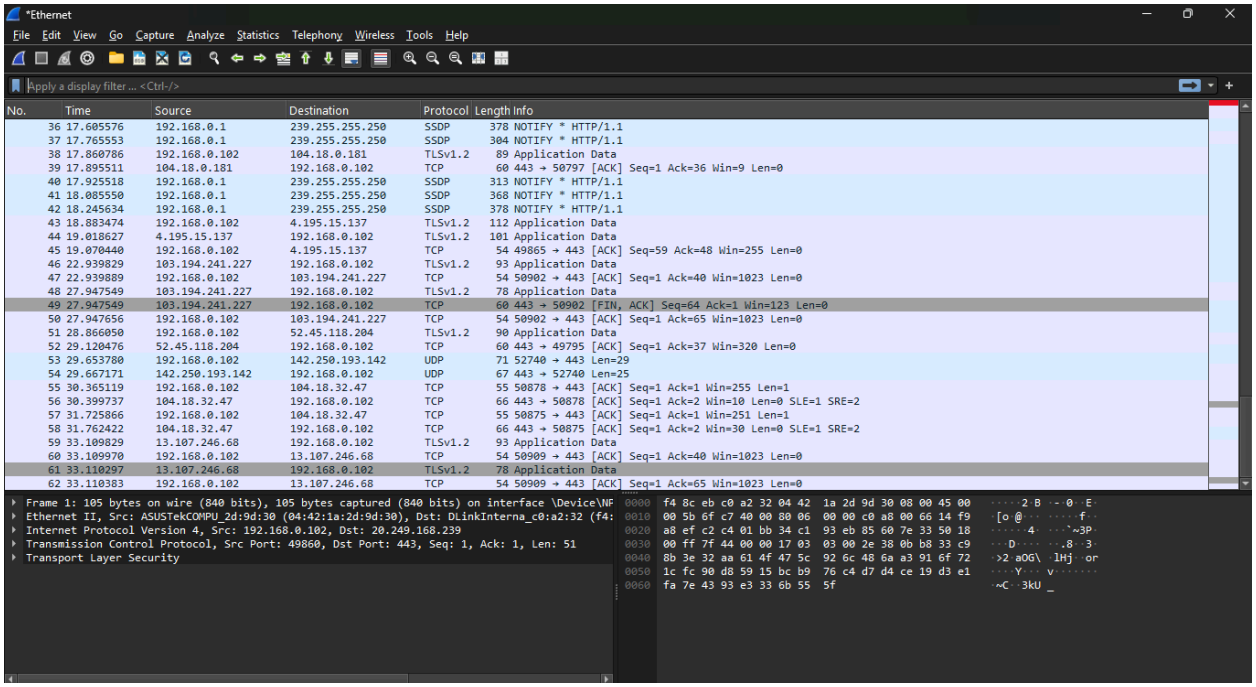
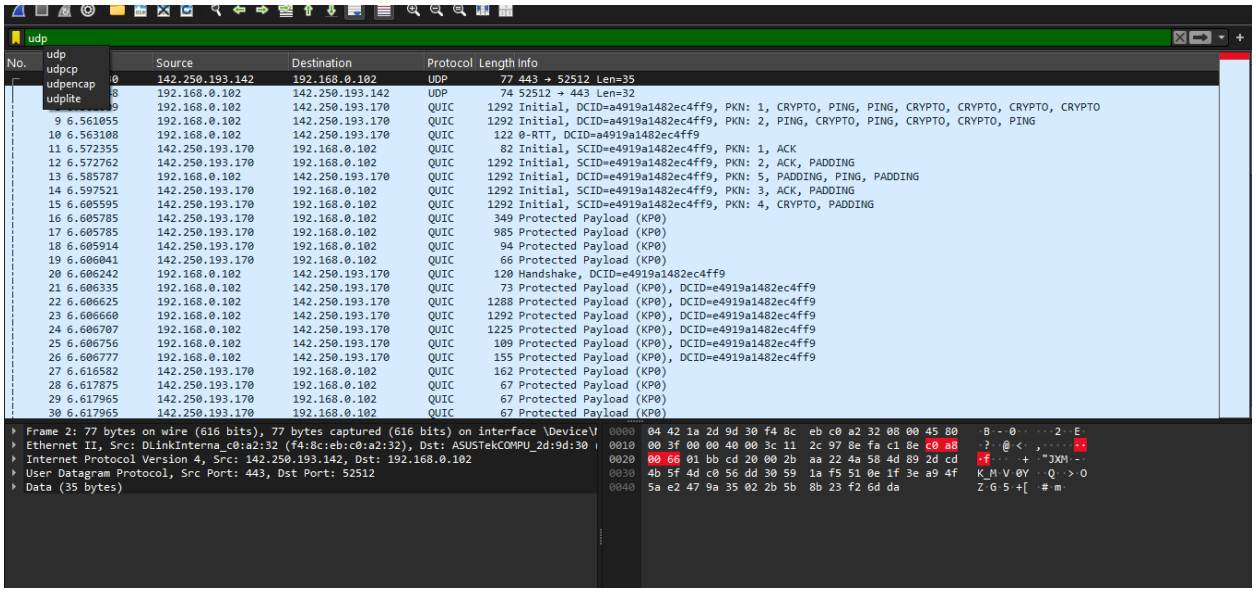
Wireshark Tool Usage :

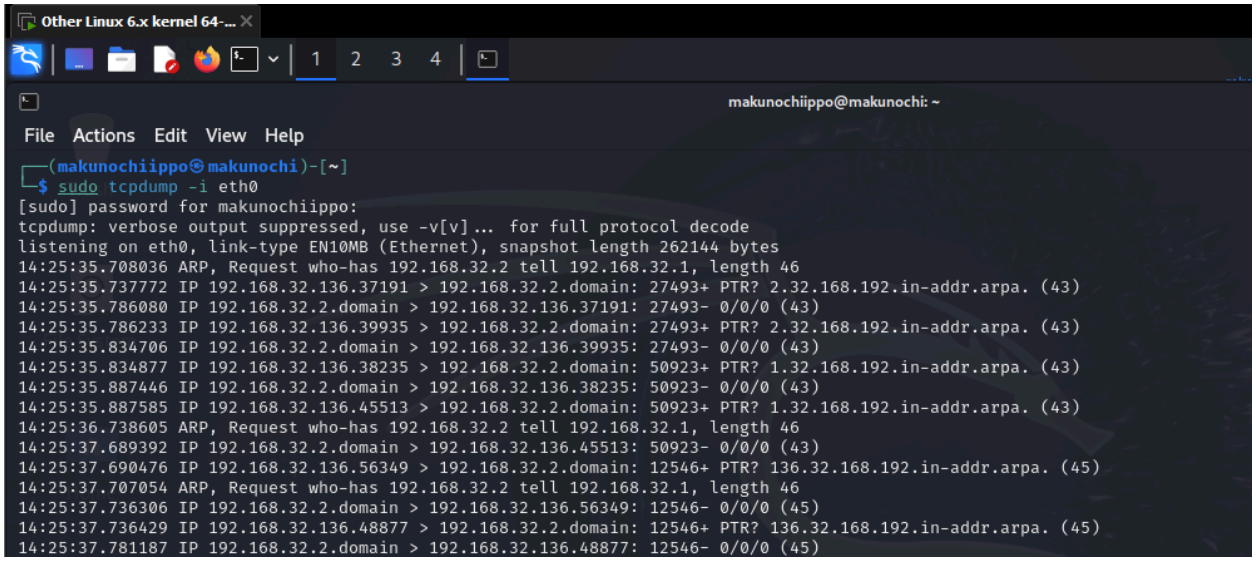
Starting to capture and filter based on UDP protocol is done here.



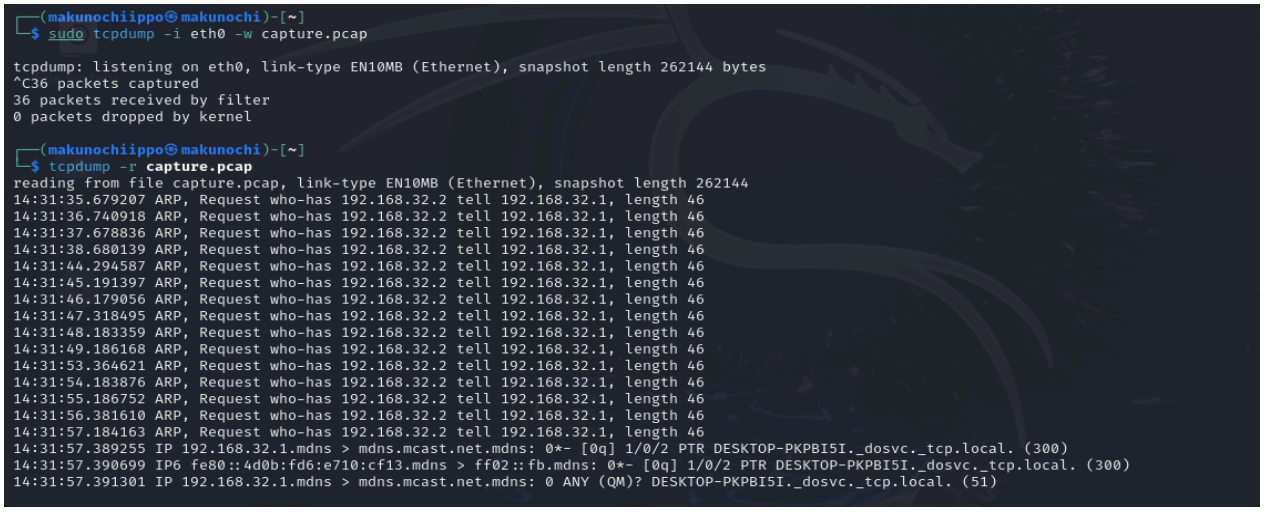


Using “ **tcpdump**” command in Linux :

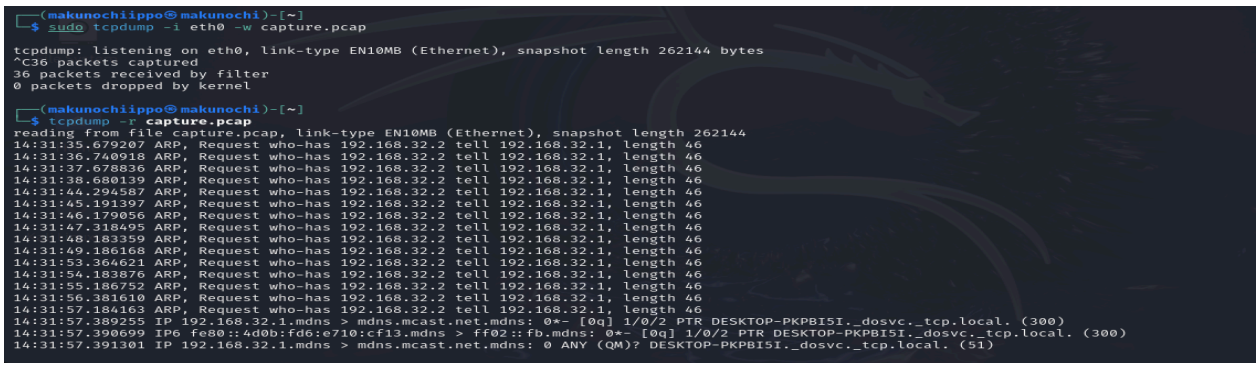
Capturing packets passing in Ethernet 0:



Filtering using IP address

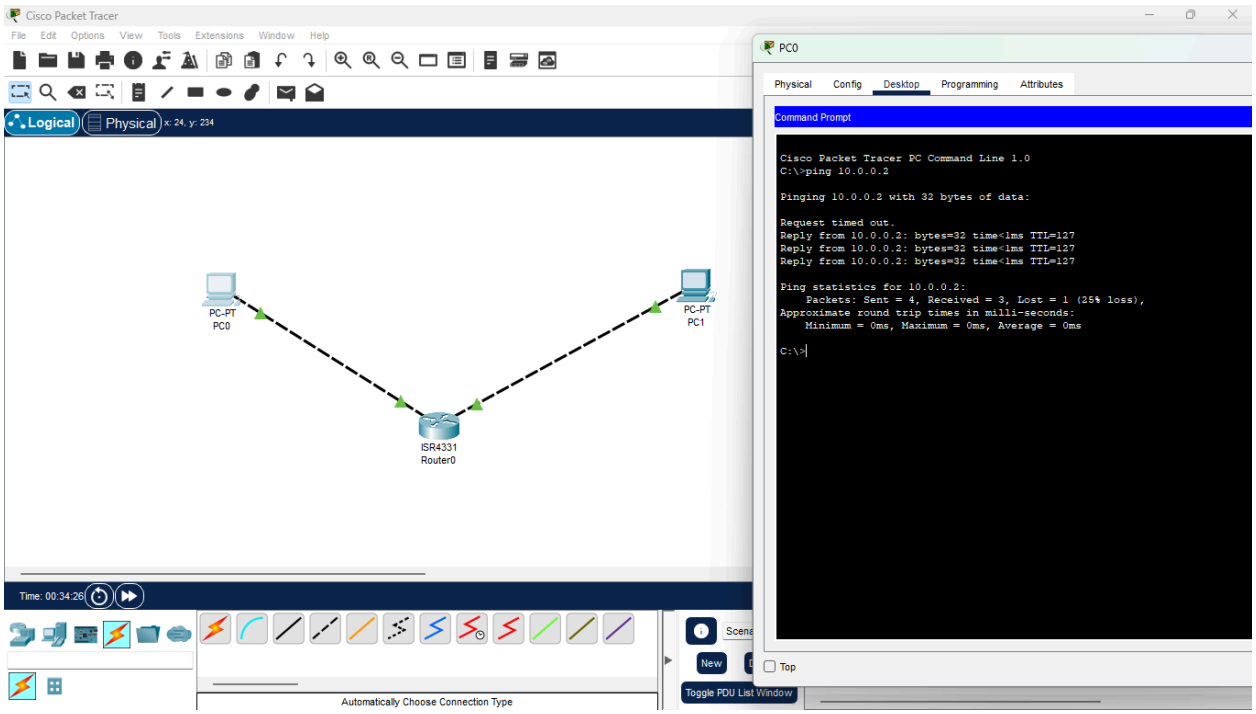


Reading Captured packets in a file for further analysis:



Using Cisco Packet Tracer tool :

Providing a connection for 2 PC's through router and establishing the network



ICMP packets receiving access is provided using router configuring:

Router>enable
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#access-list 100 permit icmp any any
Router(config)#access-list 100 deny icmp any any
Router(config)#interface GigabitEthernet 0/0/0
Router(config-if)#ip access-group 100 in
Router(config-if)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
Router#write memory
Building configuration...
[OK]
Router#
Router#