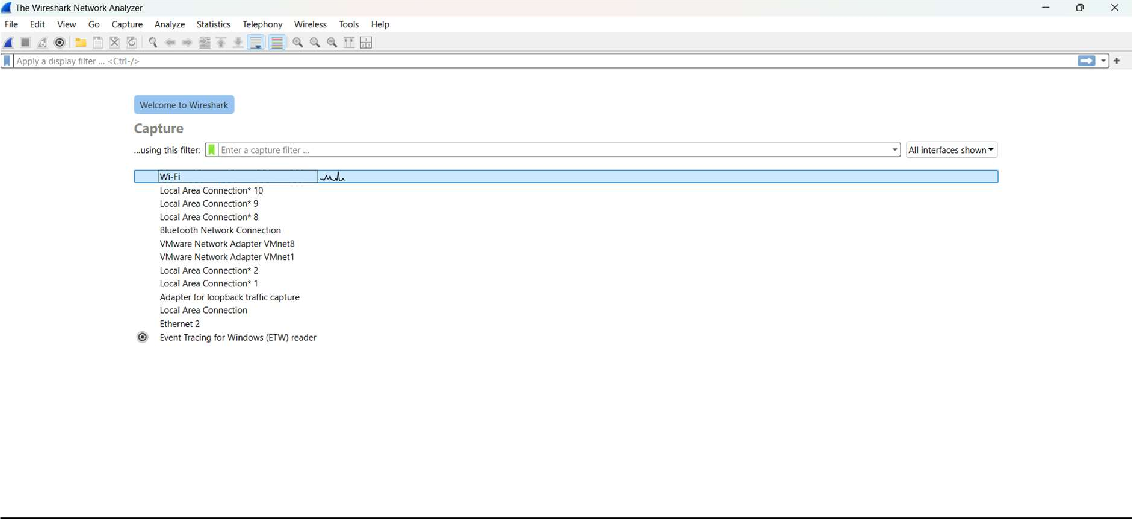
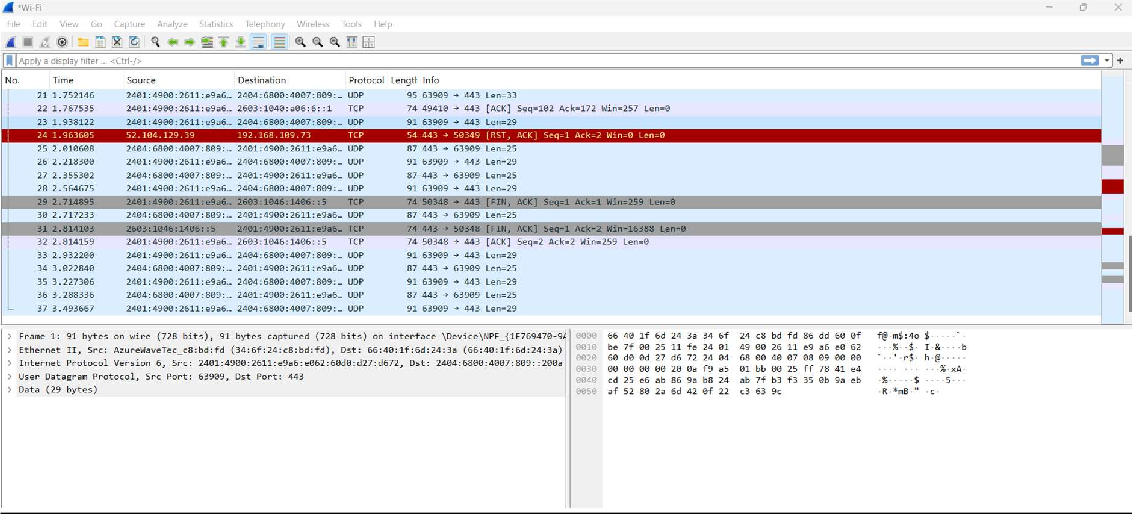
Practical 5

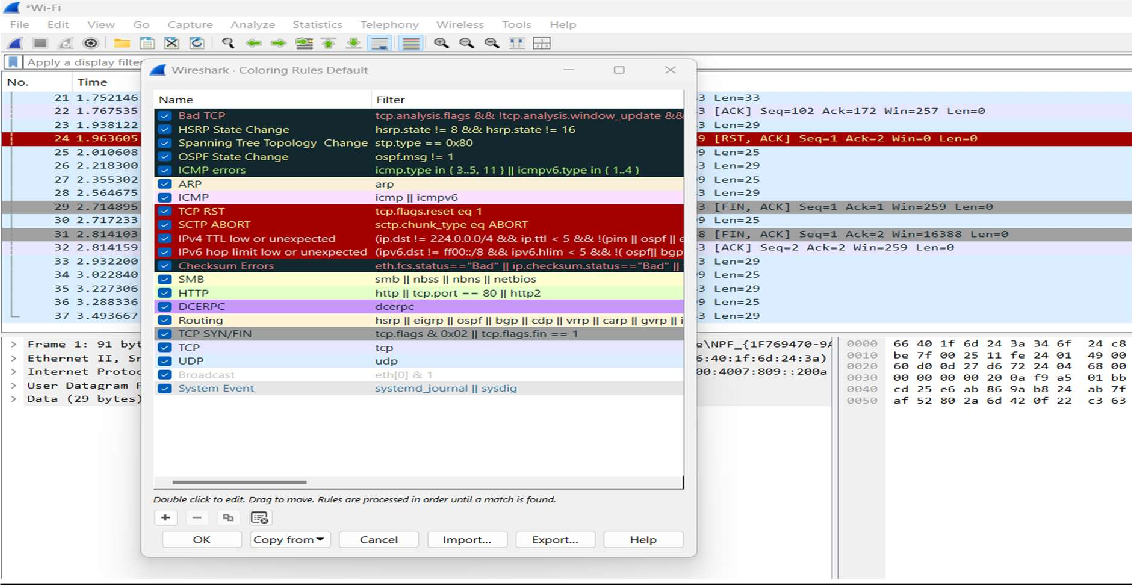
Aim:

Experiments on Packet capture tool: Wireshark Capturing Packets:

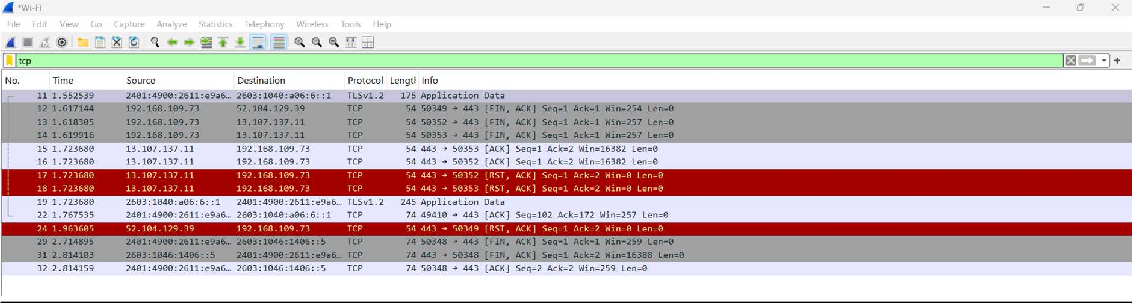




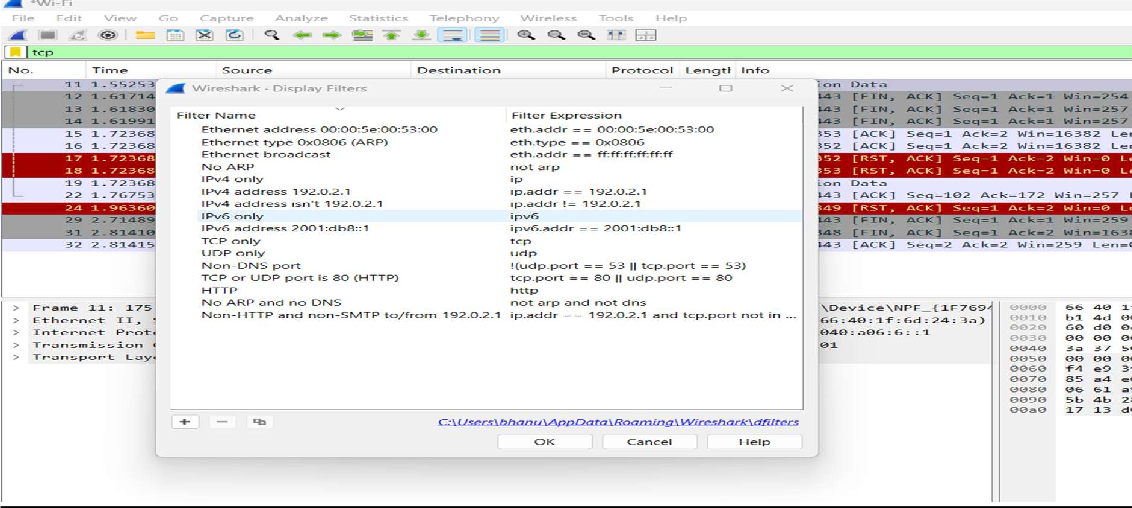
Color Coding:



Filtering Packets:



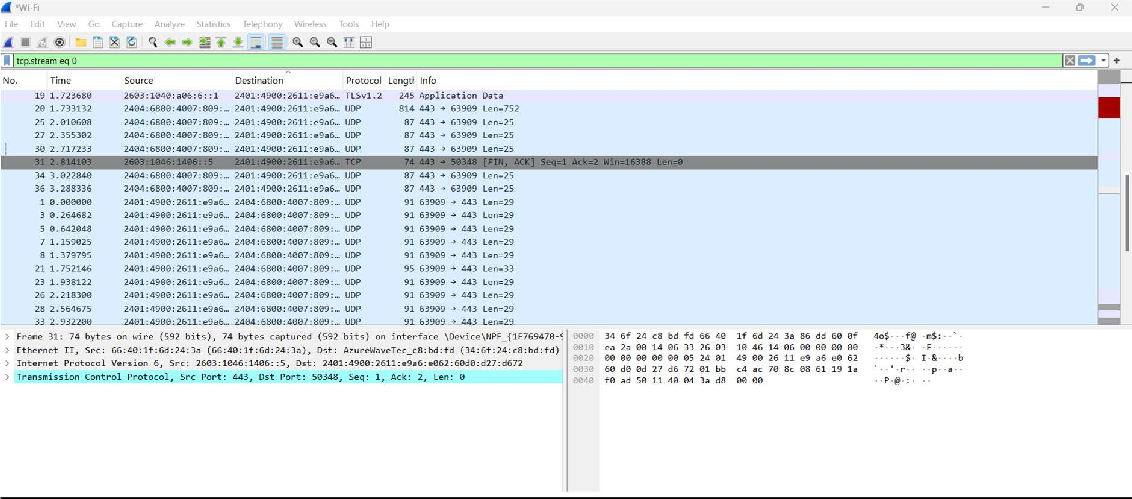
Display Filters:



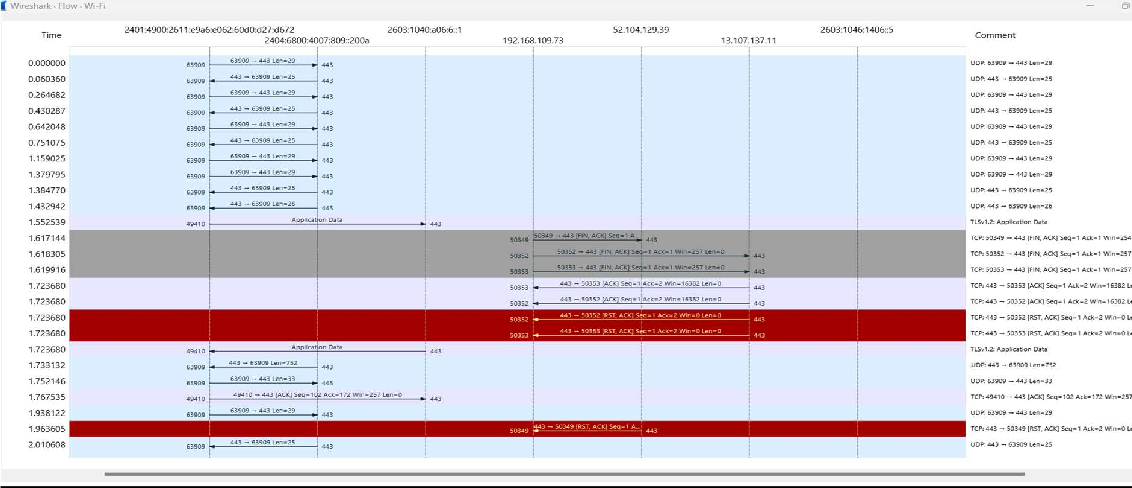
Tcp Stream:



Inspecting Packets:



Flow Graph:



1. Create a Filter to display only TCP/UDP packets, inspect the packets and provide the flow graph

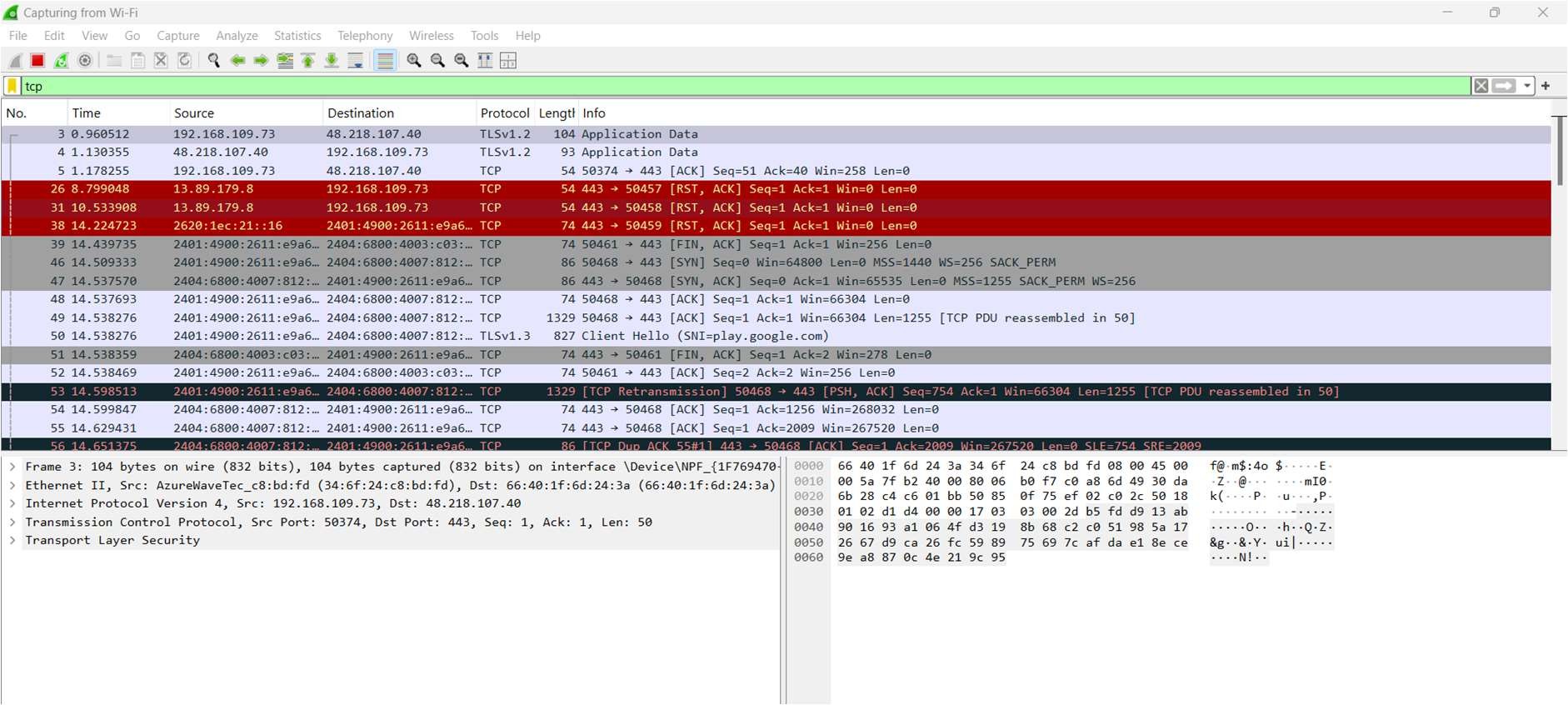
Procedure

Select Local Area Connection in Wireshark. Go to capture option

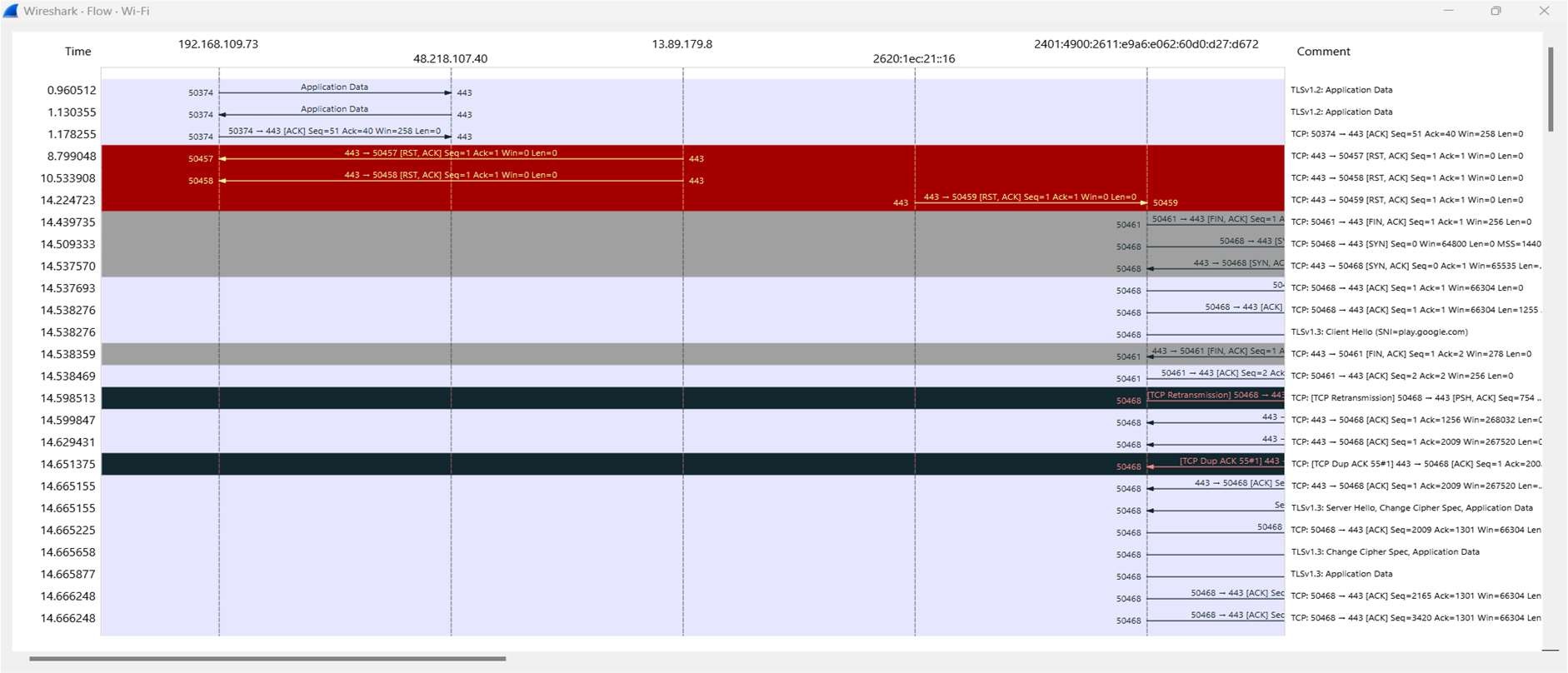
Select stop capture automatically after 100 packets. Then click Start capture.

Search TCP packets in search bar.

To see flow graph click StatisticsFlow graph. Save the packets.



Flowgraph:

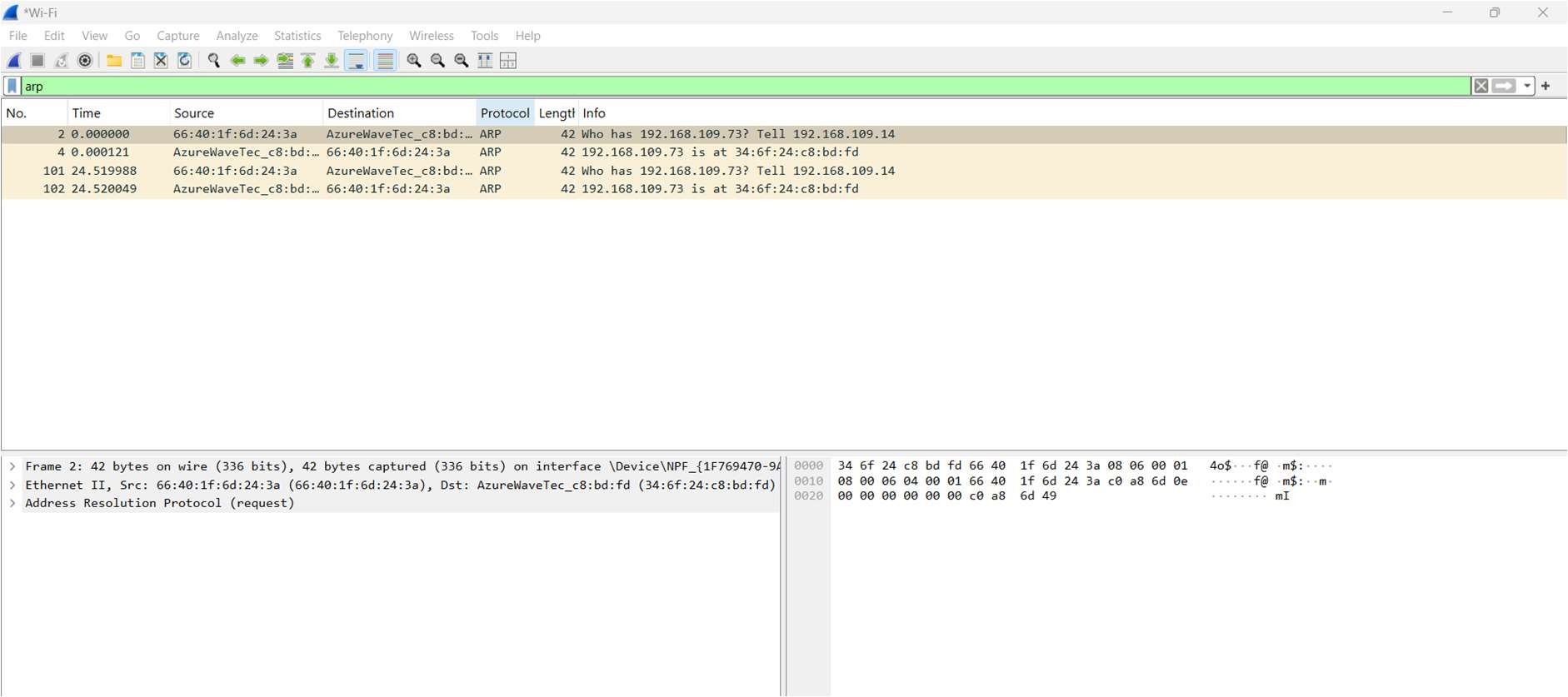


1. Create a Filter to display only ARP packets and inspect the packets. Procedure

Go to capture option

Select stop capture automatically after 100 packets. Then click Start capture.

Search ARP packets in search bar. Save the packets.



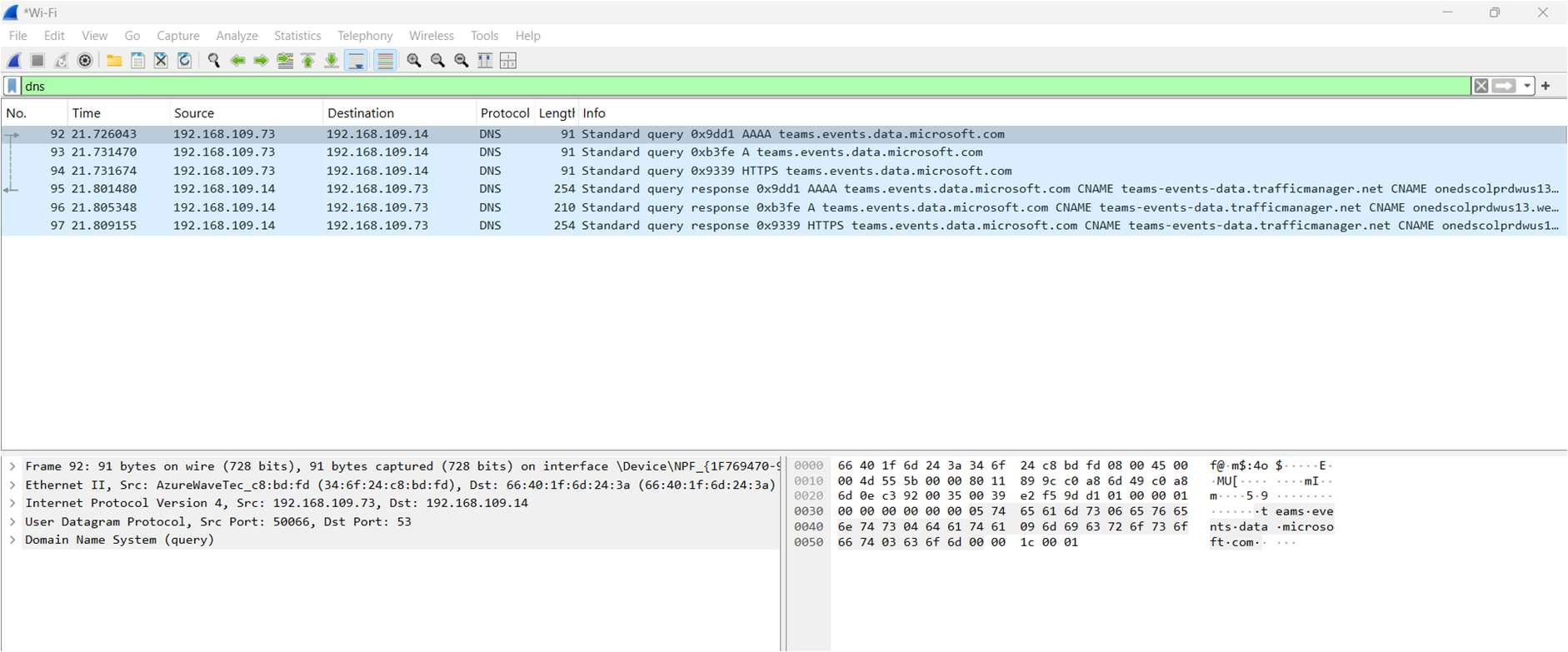
1. Create a Filter to display only DNS packets and provide the flow graph. Procedure

Go to captureoption

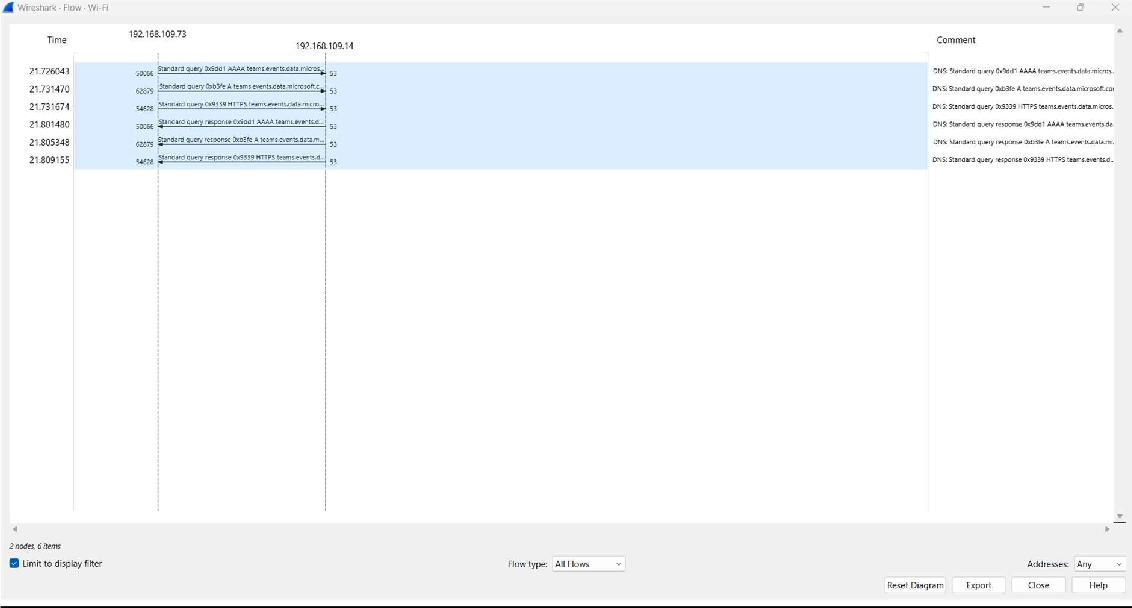
Select stop capture automatically after 100 packets. Then click Start capture.

Search DNS packets in search bar.

To see flow graph click StatisticsFlow graph. Save the packets.



Flowgraph:



1. Create a Filter to display only DHCP packets and inspect the packets. Procedure

Select Local Area Connection in Wireshark. Go to capture option

Select stop capture automatically after 100 packets. Then click Start capture.

Search DHCP packets in search bar. Save the packets

