Module - 4

Wireshark Tool

Introduction

MODULE-4
WIRESHARK TOOL

NTRODUCTION:

Wireshark formerly known as Ethereal is one of the most powerful tools in a network security analysts kit.
Wireshark can peer incide the network and cremine the details of traffic at a variety of levels using cornection level information and to the brits comprising a single packet.

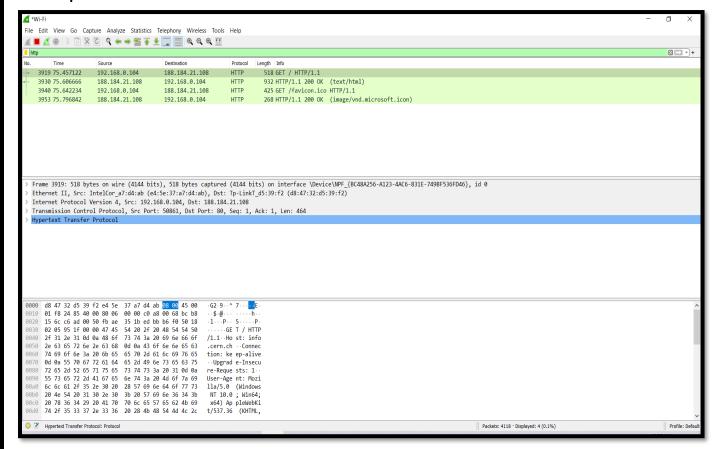
Features of Wireshark: -

- Features of Wireshork:
 - 1) Available in both Wix and Windows.
 - 2) Ability to capture live packets from various interfaces
 - 3 Felter packet with many criteria.
 - (4) Can save & merge captured prokets.
- The flexibility and depth of inspection allows the valuable tool to analyze security events and troubleshoot network security device issues.
 - The inetallation of this is easily available as we can find the house code at www.wireshark.org and we have the links that are compatible with linux and ×32 bit and ×64 bit lystems.

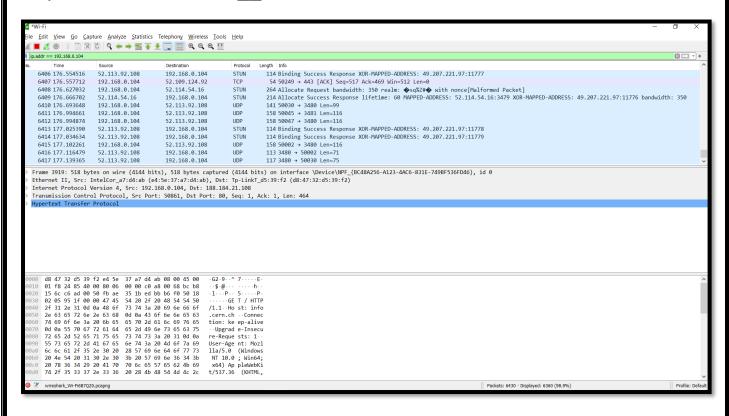
- Features of Wireshork:
 - 1 Available in both Wix and Windows.
 - 2) Ability to capture live packets from various interfaces
 - 3) Felter packet with many criteria.
 - (4) Can save & merge captured prokets.
- The flexibility and depth of inspection allows the valuable tool to analyze security events and troubleshood returble security device issues.
 - The inetallation of this is easily available as we can find the house code at www.wireshark.org and we have the links that are compatible with linux and ×32 bit and ×64 bit systems.

Commands in Wireshark

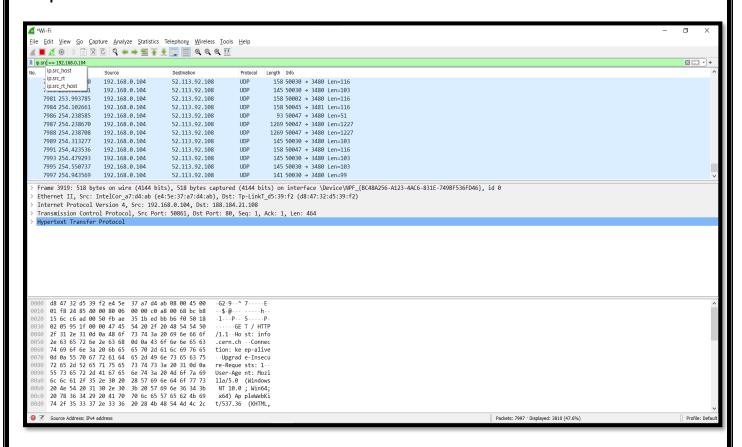
1. Http Filter



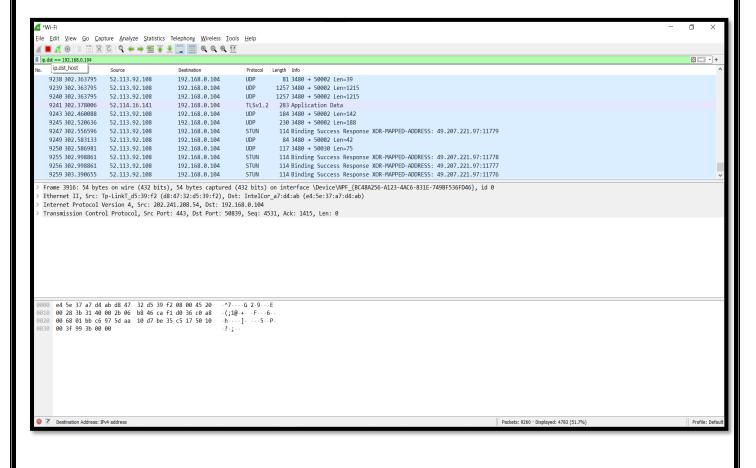
2. lp.addr==192.168.0.___



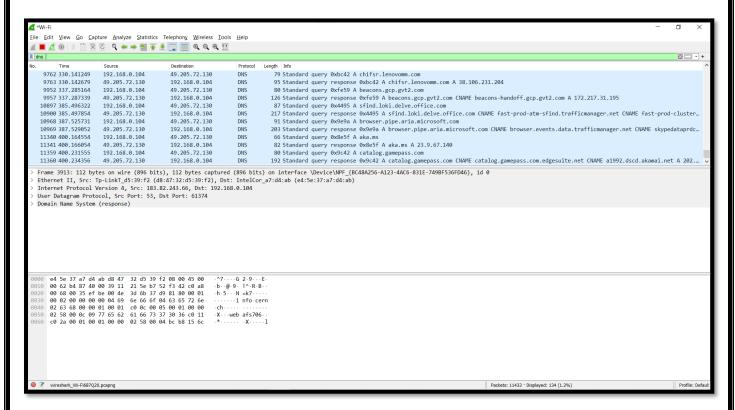
3. lp.src == 192.168.0.104

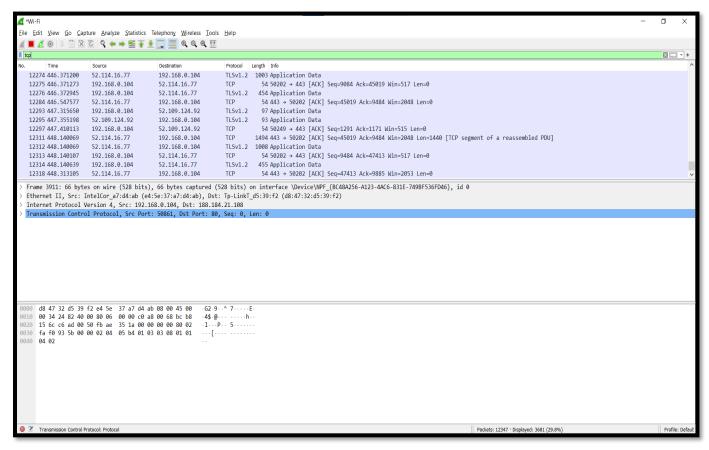


4. lp.dst == 192.168.0.104

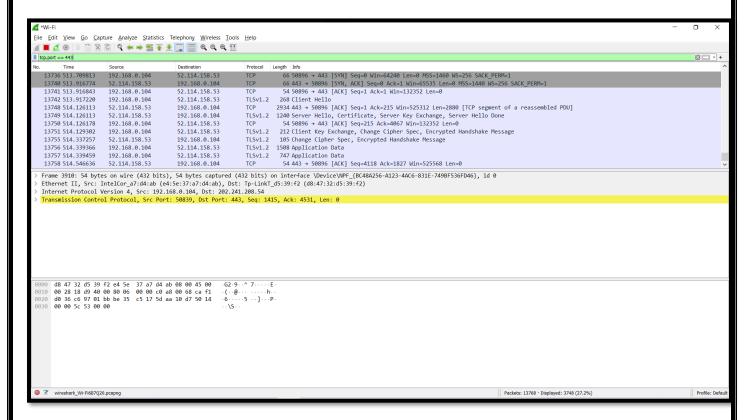


5. Dns or tcp

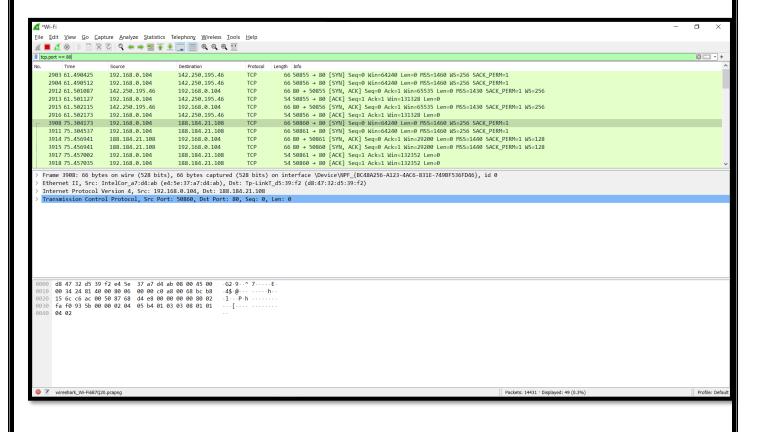




6. Tcp.port ==443



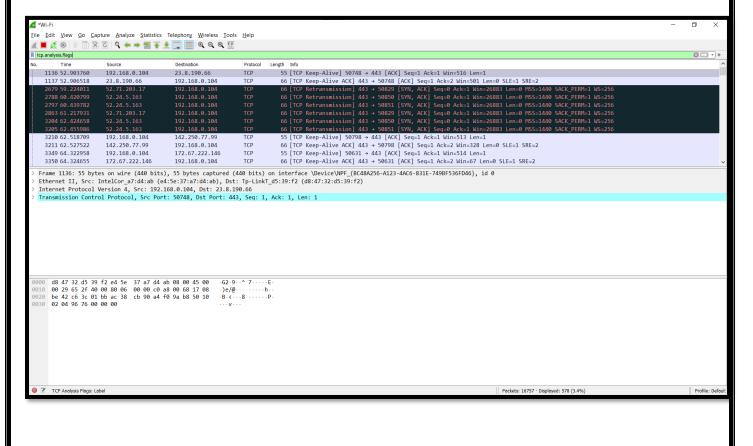
7. Tcp.port == 80



8. Udp.port == 80

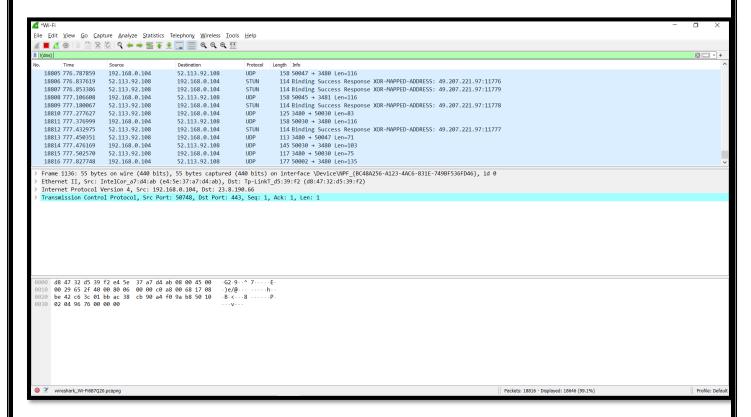


9. Tcp.analysis.flags

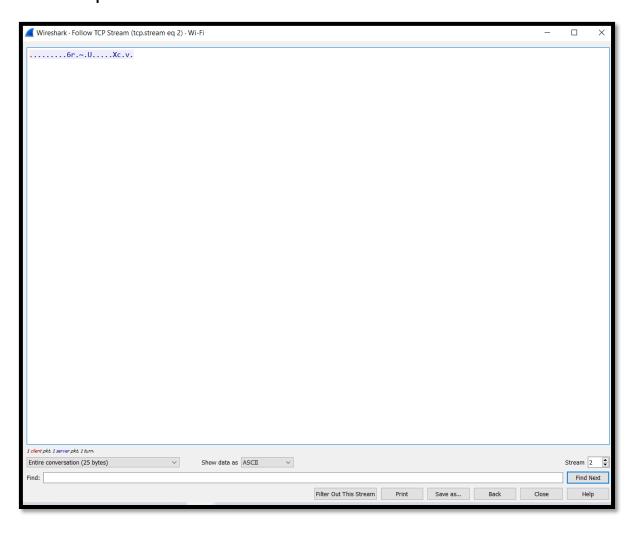


20181CSE0621 Sai Ram. K 03-05-2021

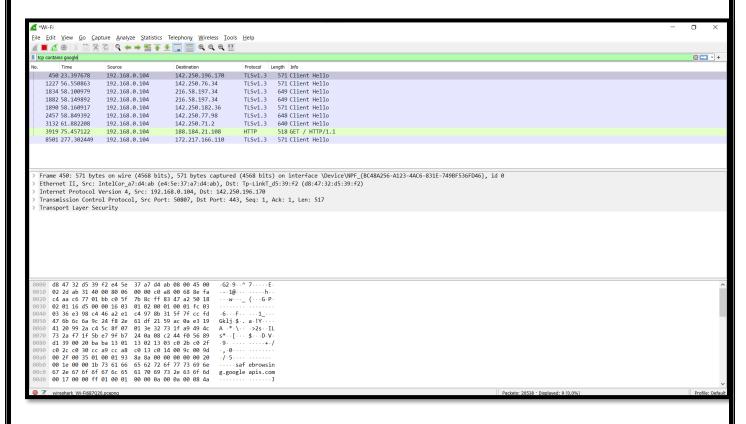
10. !(udp)



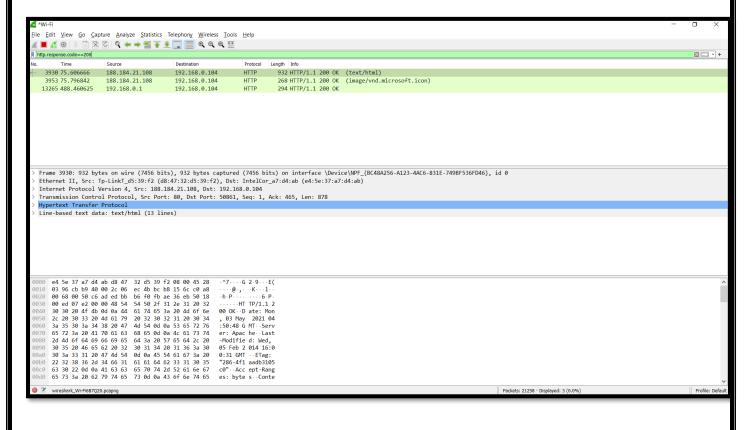
11. Follow tcp stream



12. Tcp contains google



13. Tcp.response.code==200



14. Tcp.flags.syn==1

