### Lab Experiment No 8

Aim: Installation of Wireshark (Network protocol analyzer) and analyze the traffic.

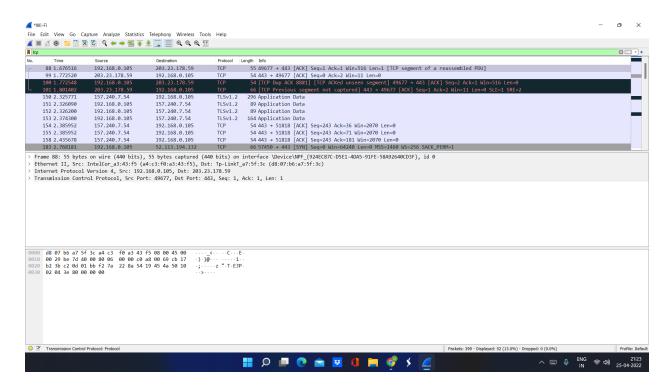
#### **Introduction:**

#### 1. What is Wireshark?

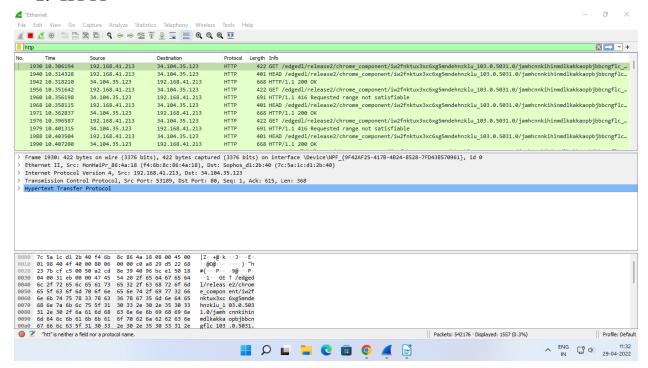
Wireshark is the world's foremost and widely-used network protocol analyzer. It lets you see what's happening on your network at a microscopic level and is the de facto (and often de jure) standard across many commercial and non-profit enterprises, government agencies, and educational institutions.

## **Implementation:**

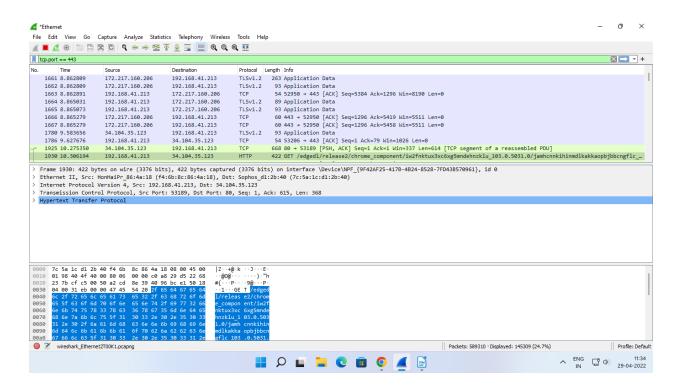
### 1. TCP



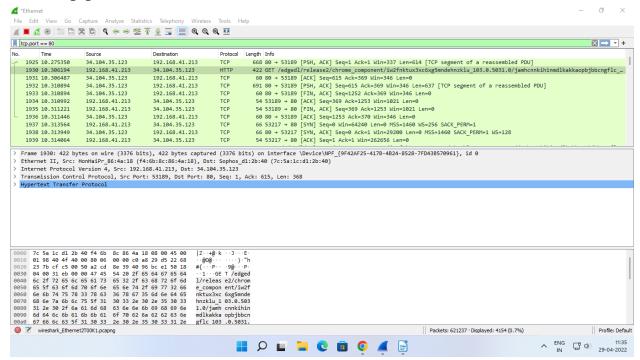
#### 2. HTTP



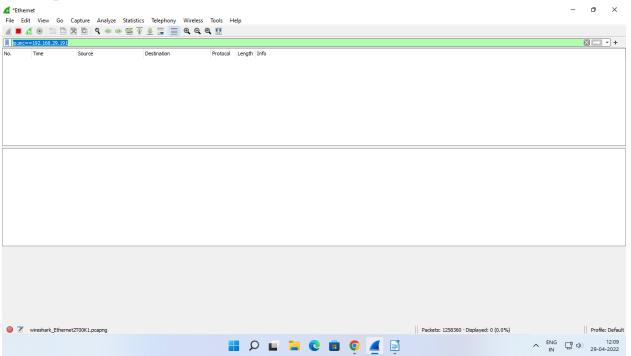
## 3. tcp.port == 443



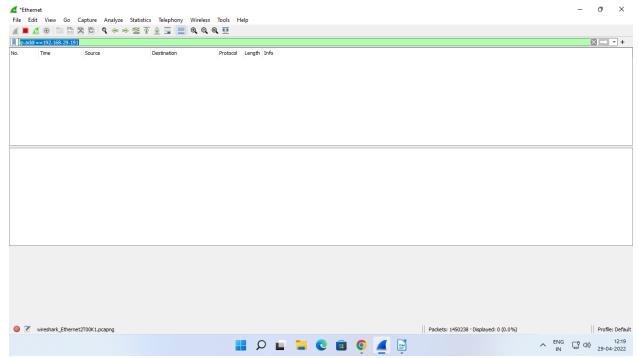
## 4. tcp.port == 80



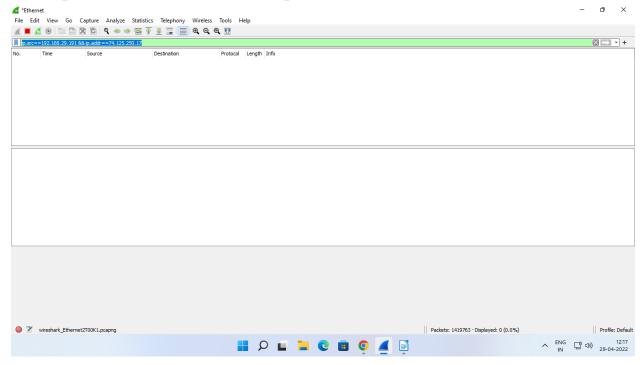
# 5. ip.src==192.168.29.191



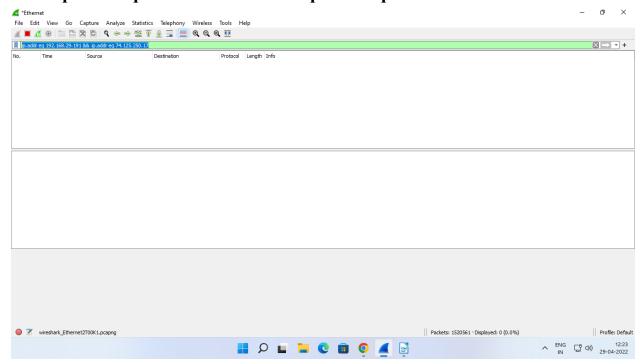
# 6. ip.addr==192.168.29.191



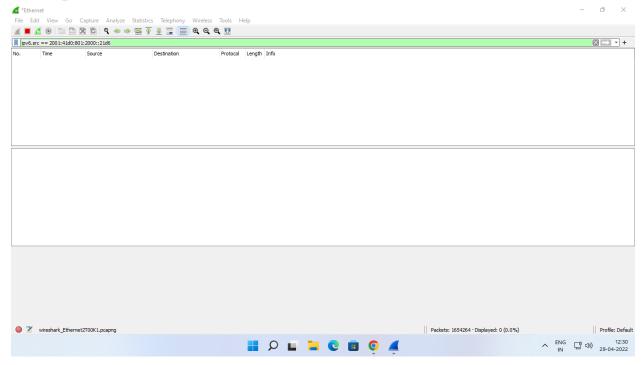
# 7. ip.src==192.168.29.191 && ip.addr==74.125.250.17



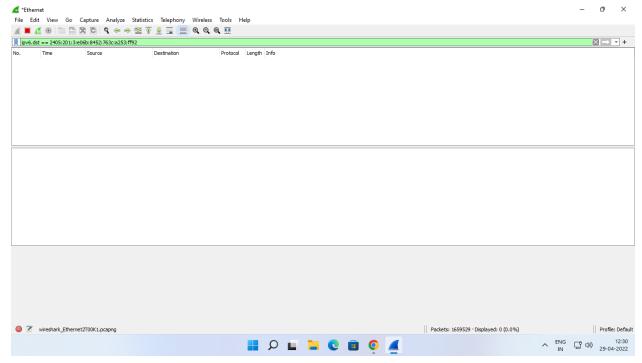
## 8. ip.addr eq 192.168.29.191 && ip.addr eq 74.125.250.17



# 9. ipv6.src == 2001:41d0:801:2000::21d6



# 10. ipv6.dst == 2405:201:3:e06b:8452:763c:a253:ff92



## **Conclusion:**

We have successfully performed the aim of the experiment.