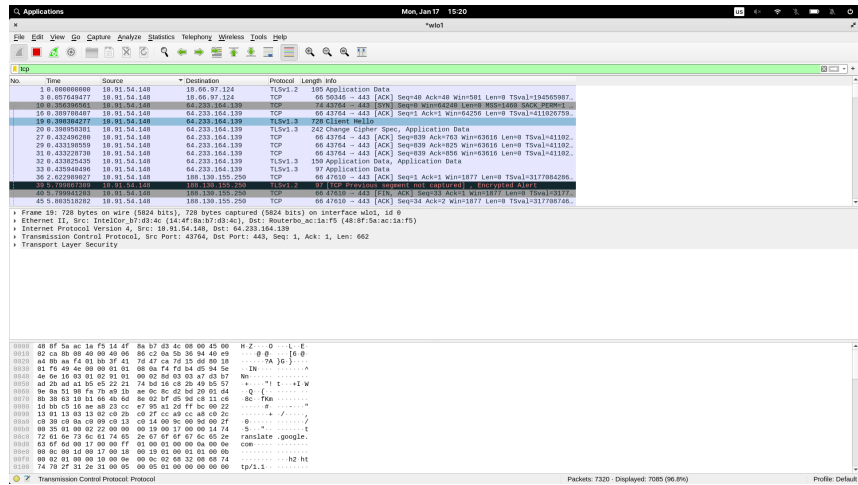


## 1. Find some tcp packet received by your laptop and explore it.

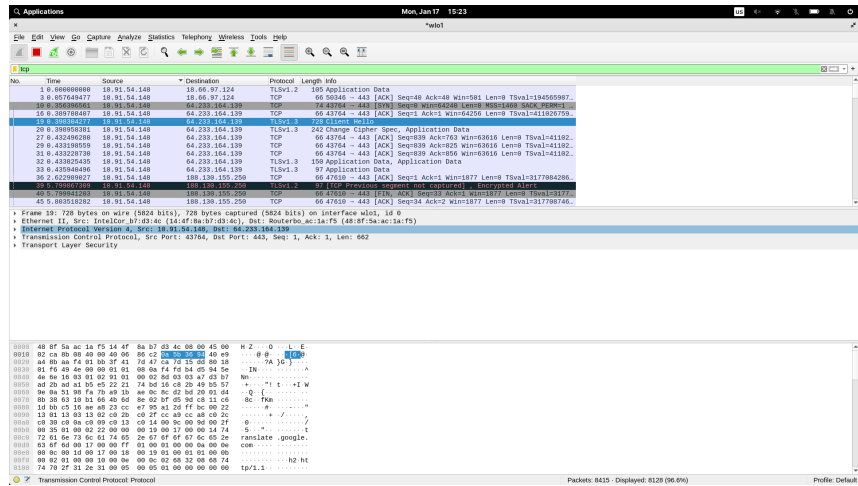
I found a tcp packet in the list of incoming packets



## 2. Which protocols are used inside the tcp packet?

Inside the given packet the following protocols are used

- Internet Protocol Version 4
- Transmission Control Protocol



## 3. Who sent this package? What is the ip address and port of source host?

The packet was sent by *10.91.54.148* as is stated besides Internet Protocol Version 4

The port of the packet is *43764* as is stated besides Transmission Control Protocol

No.	Time	Source	Destination	Protocol	Length	Info
1	0.0000000	10.91.54.148	10.06.07.124	TLSv1.2	195	Application Data
3	0.007648477	10.91.54.148	10.06.07.124	TCP	60	50346 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
10	0.009090401	10.91.54.148	64.233.164.139	TCP	60	43764 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
18	0.009090401	10.91.54.148	64.233.164.139	TCP	60	43764 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
20	0.009090401	10.91.54.148	64.233.164.139	TLSv1.2	242	Change Cipher Spec, Application Data
27	0.432492089	10.91.54.148	64.233.164.139	TCP	60	43764 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
29	0.432492089	10.91.54.148	64.233.164.139	TCP	60	43764 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
31	0.432492089	10.91.54.148	64.233.164.139	TCP	60	43764 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
33	0.432492089	10.91.54.148	64.233.164.139	TLSv1.2	150	Application Data, Application Data
35	0.432492089	10.91.54.148	64.233.164.139	TLSv1.2	97	Application Data
37	0.432492089	10.91.54.148	64.233.164.139	TCP	60	43764 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
45	0.892518282	10.91.54.148	100.130.155.250	TCP	60	47610 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087

#### 4. How do we filter out packets containing the tcp protocol?

In the upper corner there is a bar where filters can be applied. For example, if only TCP packets are needed, **tcp** can be typed in that bar.

No.	Time	Source	Destination	Protocol	Length	Info
1	0.0000000	10.91.54.148	10.06.07.124	TLSv1.2	195	Application Data
3	0.007648477	10.91.54.148	10.06.07.124	TCP	60	50346 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
10	0.009090401	10.91.54.148	64.233.164.139	TCP	60	43764 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
18	0.009090401	10.91.54.148	64.233.164.139	TCP	60	43764 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
20	0.009090401	10.91.54.148	64.233.164.139	TLSv1.2	242	Change Cipher Spec, Application Data
27	0.432492089	10.91.54.148	64.233.164.139	TCP	60	43764 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
29	0.432492089	10.91.54.148	64.233.164.139	TCP	60	43764 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
31	0.432492089	10.91.54.148	64.233.164.139	TCP	60	43764 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
33	0.432492089	10.91.54.148	64.233.164.139	TLSv1.2	150	Application Data, Application Data
35	0.432492089	10.91.54.148	64.233.164.139	TLSv1.2	97	Application Data
37	0.432492089	10.91.54.148	64.233.164.139	TCP	60	43764 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087
45	0.892518282	10.91.54.148	100.130.155.250	TCP	60	47610 → 443 [ACK] Seq=40 Ack=48 Win=581 Len=0 TSV=194509087

#### 5. How do we filter out packets from some specific host?

To filter out packets from a specific host, we can write down the following in the filter bar

`ip.src == 10.91.54.148 or ip.addr == 10.91.54.148`

