**PROTOCOLS OF THE CAPTURED PACKETS**

*-I PINGED* [*YOUTUBE.COM*](http://youtube.com)*-*

DNS(domain name system):

**-query**: Youtube.com

-**answe**r: 142.250.182.78

-**transport**: UDP

\*SUMMARY OF ACTIVITY

**Resolved** the domain Youtube.com by querying the DNS server[ blurred ip\_address]

ICMP(Internet control message protocol):

-**destination ip address**: 142.250.182.78

-**ICMP type**: request: 8, reply : 0

-**sequence number(BE**):1

**(LE)**: 256

\*SUMMARY OF ACTIVITY

Completed a full echo sequence to the server

TCP(Transmission control protocol):

**-handshake:** SYN-66

SYN,ACK-66

ACK-54

**-port used:** 56947->443->56947->443

\*SUMMARY OF ACTIVITY

Observed the initiation of a secure web connection.