

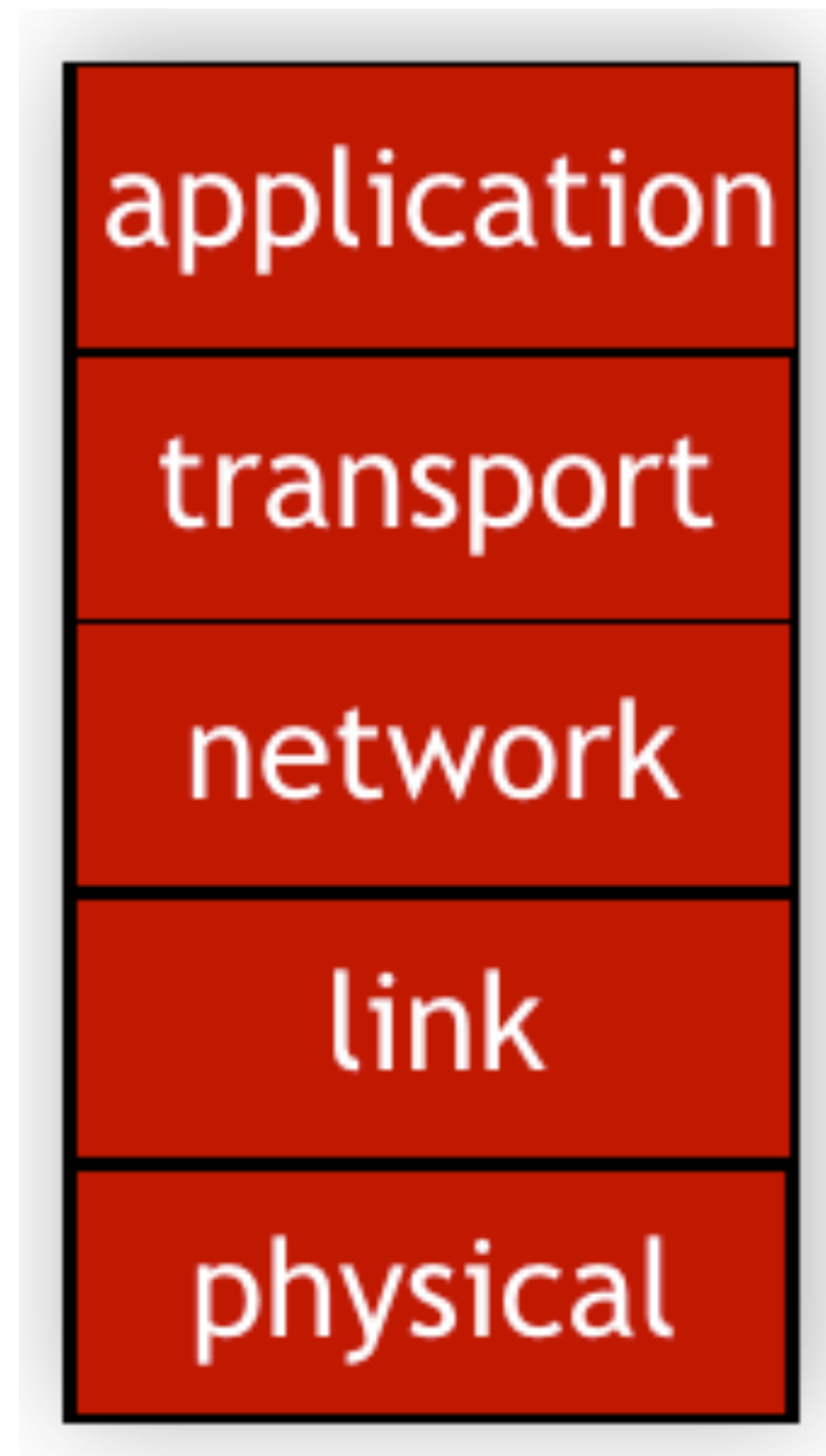
Networks

Lab1 - Introduction

Labs grading policy:

- 1 - You can earn up to 2 points for each lab session.
- 2 - TA may give 2 points if the student has completed all lab assignments and answered all questions.
- 3 - TA may give 1 point if the student has problems with solution or questions.
- 4 - Each student must individually show a lab solution for TA.
- 5 - You can earn points for particular lab only during this lab week.
- 6 - It's the students' responsibility to check points on time (each week).

TCP/IP stack. Match the protocols to the corresponding layers



TCP

HTTP

POP

SMTP

RDP

ARP

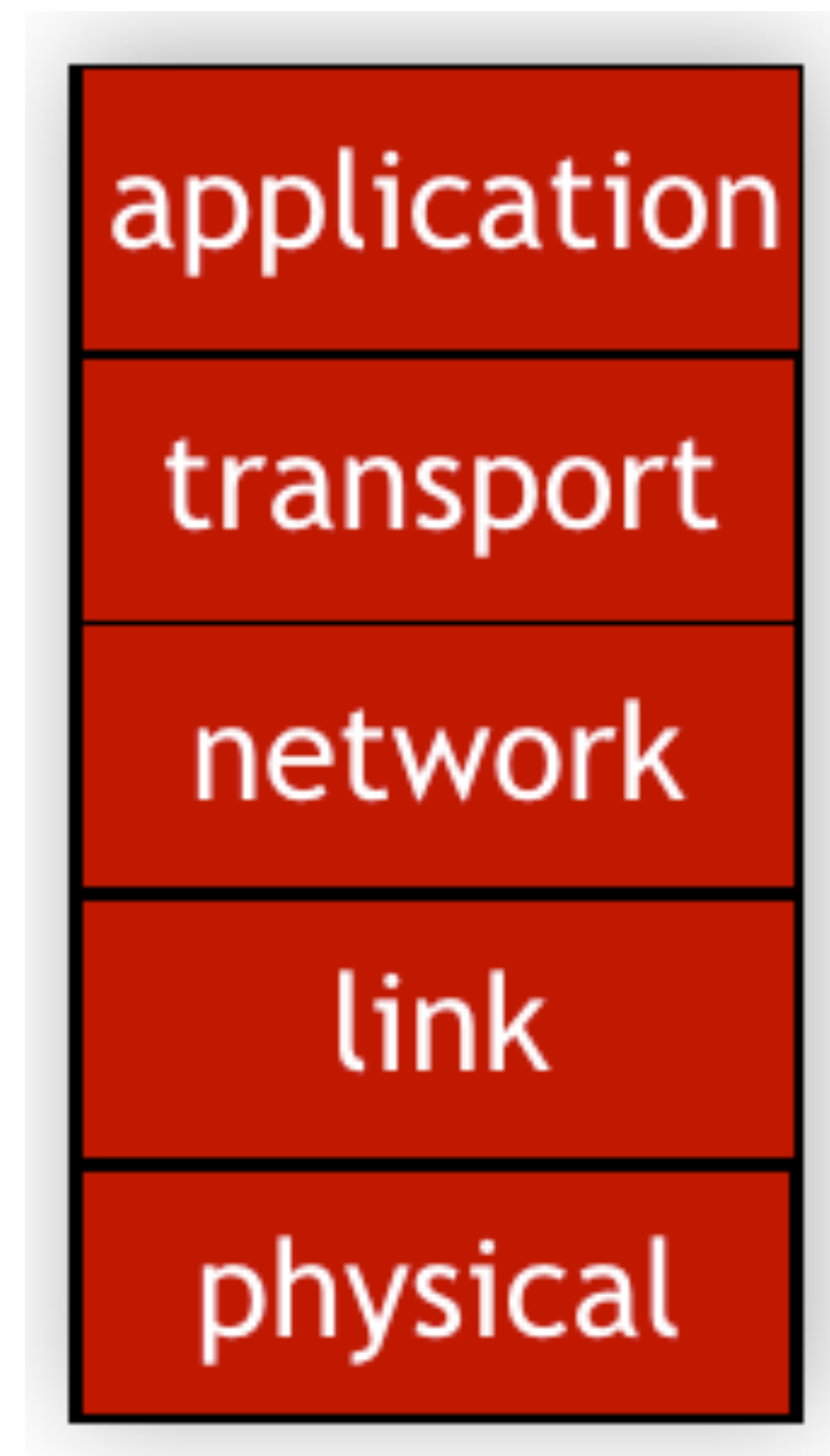
DNS

IP

FTP

UDP

TCP/IP stack. Match the protocols to the corresponding layers



DNS

FTP

HTTP

POP

SMTP

RDP

TCP

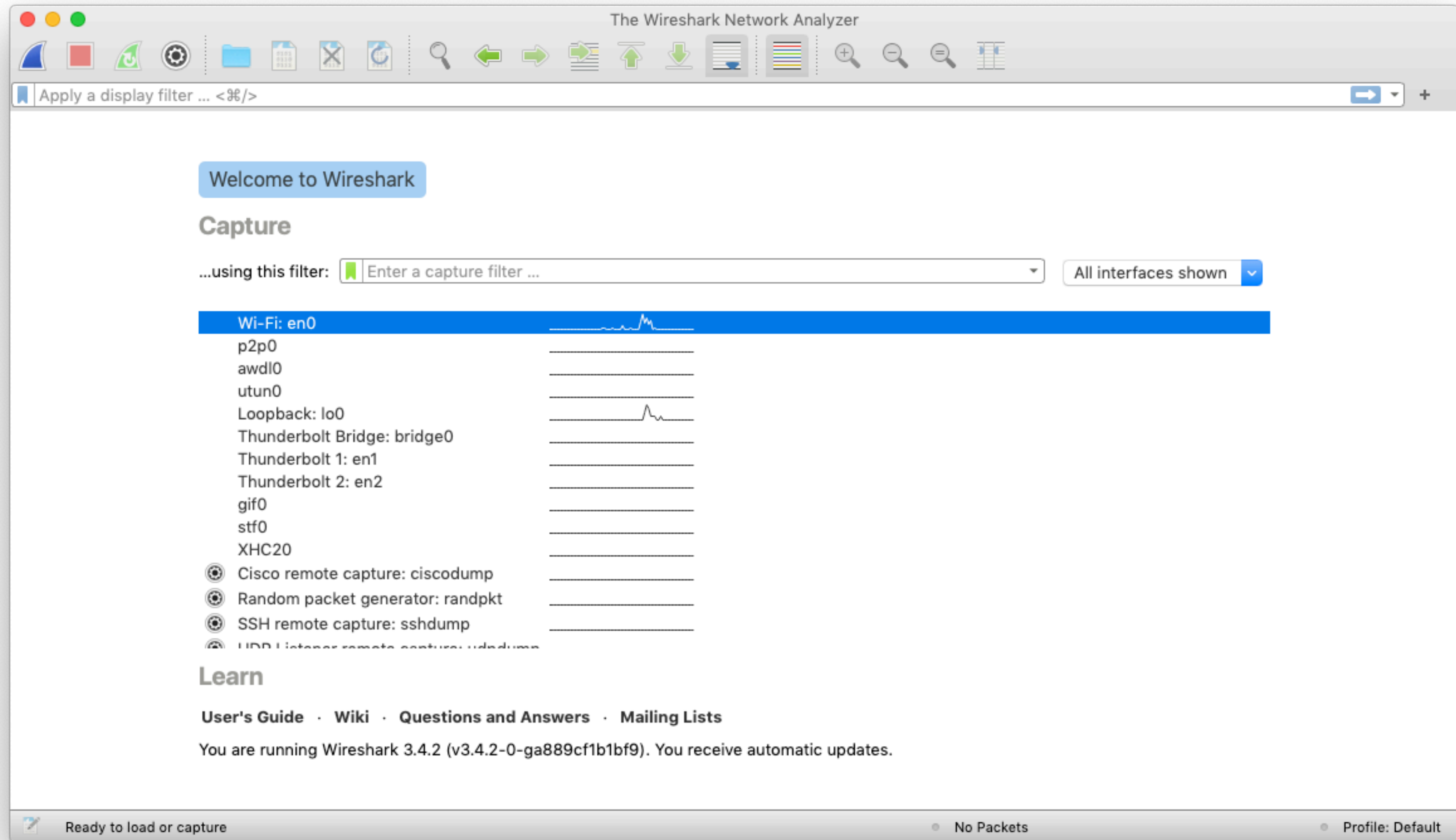
UDP

IP

ARP

Install Wireshark

download link: <https://www.wireshark.org>

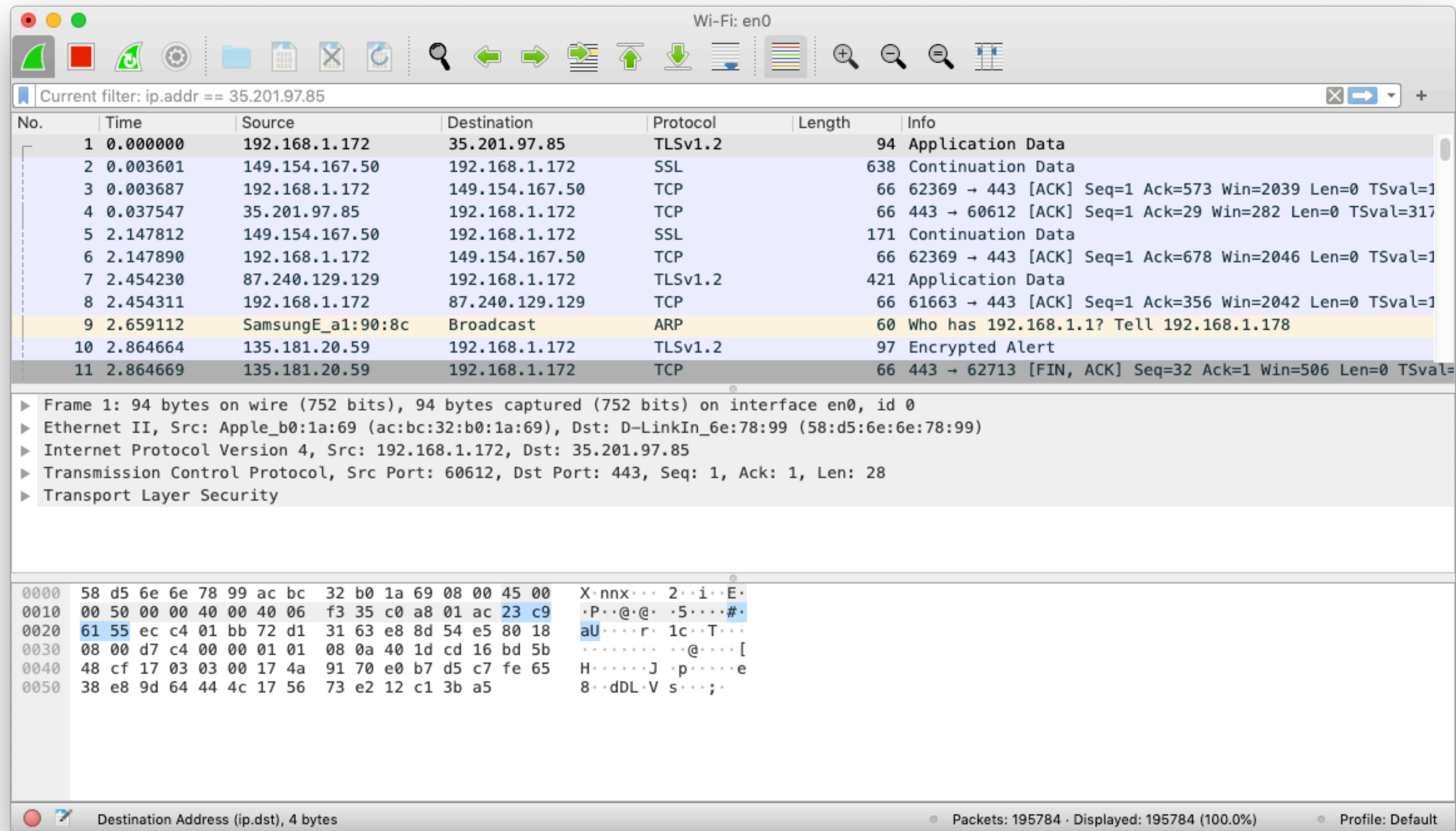


Wireshark captures packets and lets you examine their contents.

Packets List
View

Packets Details
View

Packets Bytes
View



Explore WireShark

- 1 - Find some tcp packet received by your laptop and explore it.
- 2 - Which protocols are used inside the tcp packet?
- 3 - Who sent this package? What is the ip address and port of source host ?
- 4 - How do we filter out packets containing the tcp protocol?
- 5 - How do we filter out packets from some specific host?