Teacher’s Notes

Chapter 2a:  
Hands-On: Wireshark Packet Capture

# Role in the Course

By the end of Chapter 2, the student knows the structure of several types of messages. Wireshark captures packets going into and out of the student’s computer. This makes all of those abstract fields more real.

This chapter can be covered after Chapter 2. It may be more meaningful to cover it after Chapter 8 or 9 when the student has more familiarity with packet structure. I cover it briefly after Chapter 2 to emphasize a few points and again alter in the class.

# Flow of the Material

Wireshark is a powerful program. This chapter shows how to use it at a novice level.

# Hard Parts

Learning Wireshark simply is not difficult, but still takes some time.

# CEPTs

You can see packets flowing into and out of your computer.

# Teaching Suggestions

I have them install it at home. If possible, I have them actually use it in class. If there is not time, I have them do it as homework and we discuss it briefly in class.