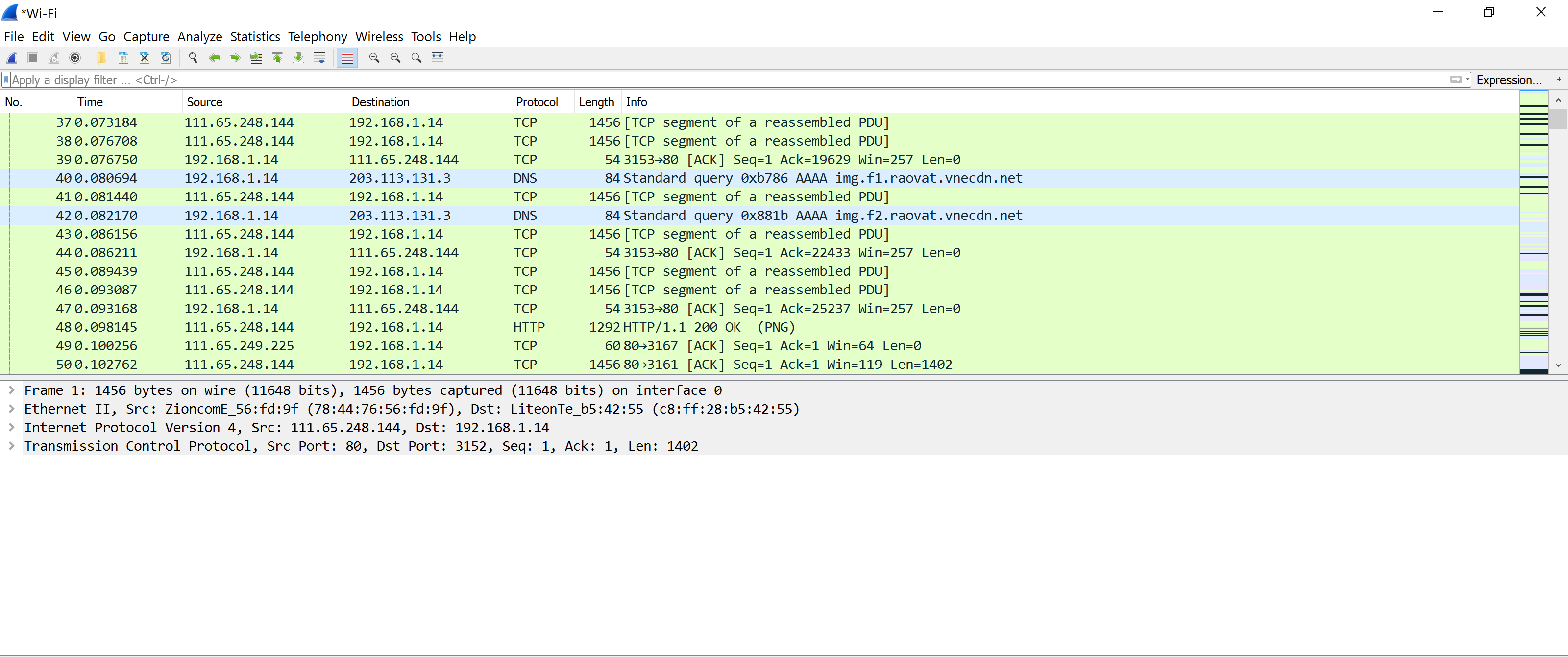
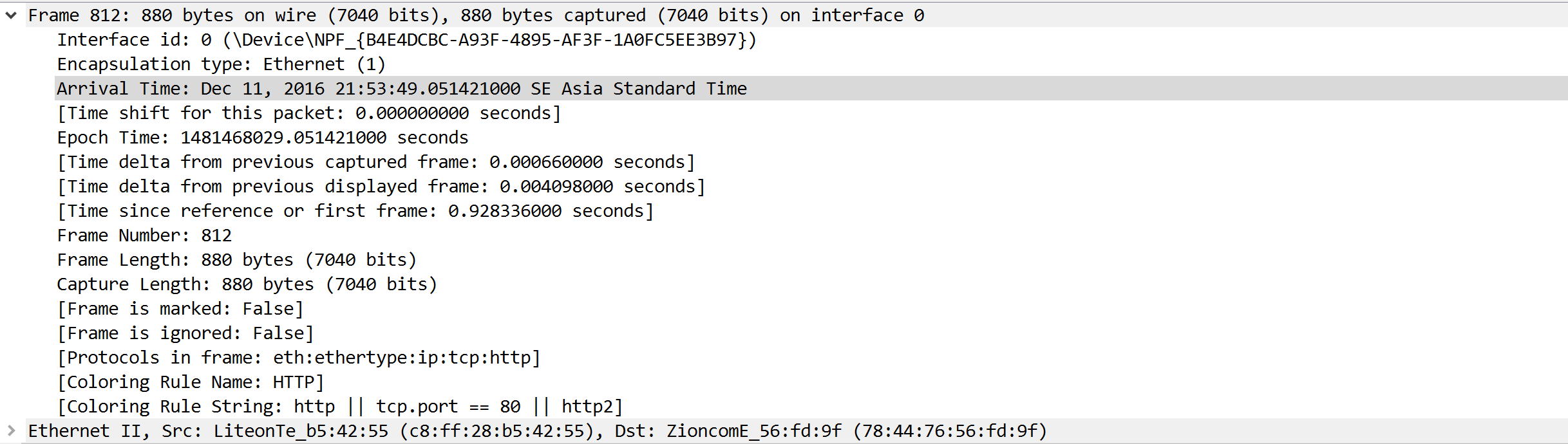
**Wireshark Intro**

1. **List 3 different protocols that appear in the protocol column in the unfiltered packet-listing window in step 7 above.**

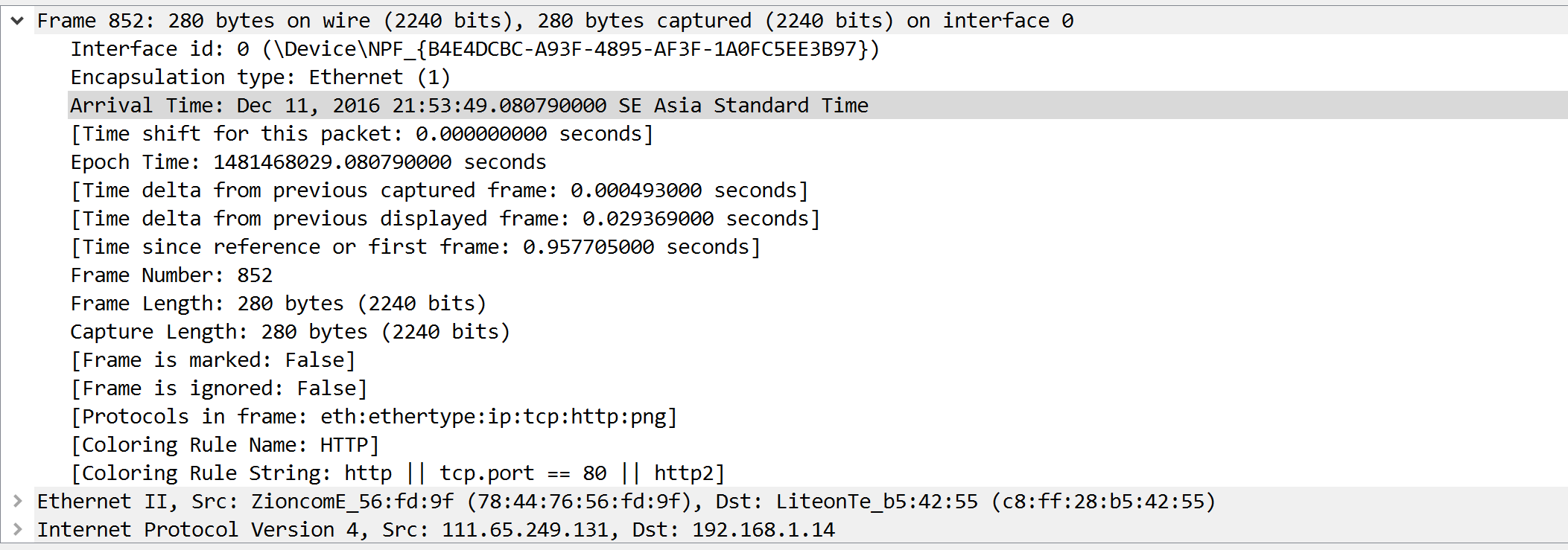
TCP, DNS, HTTP



1. **How long did it take from when the HTTP GET message was sent until the HTTP OK reply was received? (By default, the value of the Time column in the packet listing window is the amount of time, in seconds, since Wireshark tracing began. To display the Time field in time-of-day format, select the Wireshark View pull down menu, then select Time Display Format, then select Time-of-day.)**

GET request: the packet arrived at Arrival Time: Dec 11, 2016 21:53:49.051421000 SE Asia Standard Time 

HTTP OK: arrived at Arrival Time: Arrival Time: Dec 11, 2016 21:53:49.080790000 SE Asia Standard Time

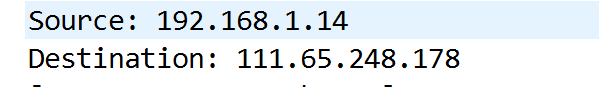


The time differrence: . 080790000 - . 051421000 = 0.029369 sec

1. **What is the Internet address of the gaia.cs.umass.edu (also known as www net.cs.umass.edu)? What is the Internet address of your computer?**

IP address of my computer: 192.168.1.14

www net.cs.umass.edu: 111.65.248.178



1. **Print the two HTTP messages (GET and OK) referred to in question 2 above. To do so, select Print from the Wireshark File command menu, and select the “Selected Packet Only” and “Print as displayed” radial buttons, and then click OK.**

