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CS372

Lab 1

1. Three different protocols:

TCP

HTTP

UDP

2. How long did it take between GET request and OK message?

.066593 Seconds

3. 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?

Internet address of gai.cs.umass.edu: 128.119.245.12

Internet address of my computer: 192.168.0.8

*Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help



http						
No.	Time	Source	Destination	Protocol	Length	Info
107	17:16:38.367120	192.168.0.8	128.119.245.12	HTTP	481	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
109	17:16:38.433713	128.119.245.12	192.168.0.8	HTTP	492	HTTP/1.1 200 OK (text/html)
124	17:16:38.593259	192.168.0.8	128.119.245.12	HTTP	452	GET /favicon.ico HTTP/1.1
130	17:16:38.650666	128.119.245.12	192.168.0.8	HTTP	538	HTTP/1.1 404 Not Found (text/html)
178	17:16:42.980419	192.168.0.7	192.168.0.8	HTTP	299	HTTP/1.1 304 Not Modified
212	17:16:43.207593	192.168.0.8	192.168.0.7	HTTP	154	GET /EventMgmt/EventTable?timeout=1200 HTTP/1.1

> Frame 107: 481 bytes on wire (3848 bits), 481 bytes captured (3848 bits) on interface 0
> Ethernet II, Src: IntelCor_8c:97:04 (68:17:29:8c:97:04), Dst: ArrisGro_85:9b:e7 (5c:8f:e0:85:9b:e7)
> Internet Protocol Version 4, Src: 192.168.0.8, Dst: 128.119.245.12
> Transmission Control Protocol, Src Port: 51874, Dst Port: 80, Seq: 1, Ack: 1, Len: 427

▼ Hypertext Transfer Protocol

> GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1\r\n

Host: gaia.cs.umass.edu\r\n

Connection: keep-alive\r\n

Upgrade-Insecure-Requests: 1\r\n

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/59.0.3071.115 Safari/537.36\r\n

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8\r\n

Accept-Encoding: gzip, deflate\r\n

Accept-Language: en-US,en;q=0.8\r\n

\r\n

[Full request URI: <http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html>]

[HTTP request 1/2]