Joseph Kramer CS 375 Into To Computer Networks 06-27-15

Lab 1

#1. TCP, HTTP, QUIC, SSDP, DNS

#2.

Start Time: 17:37:22.429433000 End Time: 17:37:22.539245000 Difference = 00:00:00.109812000

#3

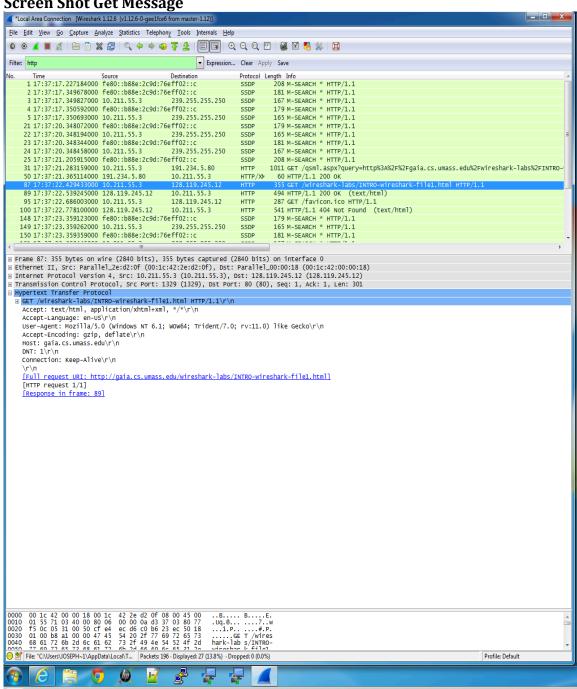
gaia.cs.umass.edu IP = 128.119.245.12 Joseph Kramer IP = 10.211.55.3

#4 (I had to print and then scan the printed document. Screen shots also included) **Scanned Get Message**

bet

nark-tabs/intku-wiresnark-filef.ntml http://.i Frame 87: 355 bytes on wire (2840 bits), 355 bytes captured (2840 bits) on interface 0 Ethernet II, Src: Parallel 2e:d2:0f (00:lc:42:2e:d2:0f), Dst: Parallel_00:00:18 (00:lc:42:00:00:1 Internet Protocol Version 4, Src: 10.211.55.3 (10.211.55.3), Dst: 128.119.245.12 (128.119.245.12) Transmission Control Protocol, Src Port: 1329 (1329), Dst Port: 80 (80), Seq: 1, Ack: 1, Len: 301 Hypertext Transfer Protocol GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1\r\n Accept: text/html, application/xhtml+xml, */*\r\n Accept-Language: en-US\r\n User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; Trident/7.0; rv:11.0) like Gecko\r\n Accept-Encoding: gzip, deflate\r\n Host: gaia.cs.umass.edu\r\n DNT: 1\r\n Connection: Keep-Alive\r\n [Full request URI: http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html] [HTTP request 1/1] [Response in frame: 89]

Screen Shot Get Message



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OK
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```
UU UK (text/ntml)
Frame 89: 494 bytes on wire (3952 bits), 494 bytes captured (3952 bits) on interface 0
Ethernet II, Src: Parallel_00:00:18 (00:1c:42:00:00:18), Dst: Parallel_2e:d2:0f (00:1c:42:2e:d2:0
f)
Internet Protocol Version 4, Src: 128.119.245.12 (128.119.245.12), Dst: 10.211.55.3 (10.211.55.3)
Transmission Control Protocol, Src Port: 80 (80), Dst Port: 1329 (1329), Seq: 1, Ack: 302, Len: 4
Hypertext Transfer Protocol
    HTTP/1.1 200 OK\r\n
    Date: Sat, 27 Jun 2015 00:37:23 GMT\r\n
   Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.1e-fips PHP/5.4.16 mod_per1/2.0.9dev Per1/v5.16.3\r
   Last-Modified: Fri, 26 Jun 2015 05:59:02 GMT\r\n
    ETag: "51-519656fd25f91"\r\n
    Accept-Ranges: bytes\r\n
    Content-Length: 81\r\n
    Keep-Alive: timeout=5, max=100\r\n
    Connection: Keep-Alive\r\n
    Content-Type: text/html; charset=UTF-8\r\n
    \r\n
    [HTTP response 1/1]
    [Time since request: 0.109812000 seconds]
    [Request in frame: 87]
Line-based text data: text/html
```

Screen Shot OK Message

