

CMPT371 – D100

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1 HTTP, TCP, MDNS

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2 $54.969933781 - 54.888222530 = 0.08171 \text{ seconds} = 81.71 \text{ ms}$

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3 IP for gaia.cs.umass.edu: 128.119.245.12

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IP for my computer: 192.168.1.81

4 See next page.

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No.	Time	Source	Destination	Protocol	Length	Info
626	54.888222530	192.168.1.81	128.119.245.12	HTTP	483	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
Frame 626: 483 bytes on wire (3864 bits), 483 bytes captured (3864 bits) on interface 0						
Ethernet II, Src: Micro-St_d4:dd:1e (4c:cc:6a:d4:dd:1e), Dst: Actionte_89:6b:80 (70:f1:96:89:6b:80)						
Internet Protocol Version 4, Src: 192.168.1.81, Dst: 128.119.245.12						
Transmission Control Protocol, Src Port: 33118, Dst Port: 80, Seq: 1, Ack: 1, Len: 417						
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 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/66.0.3359.181 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=0.9\r\n						
\r\n						
[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html]						
[HTTP request 1/2]						
[Response in frame: 631]						
[Next request in frame: 634]						
631	54.969933781	128.119.245.12	192.168.1.81	HTTP	504	HTTP/1.1 200 OK (text/html)
Frame 631: 504 bytes on wire (4032 bits), 504 bytes captured (4032 bits) on interface 0						
Ethernet II, Src: Actionte_89:6b:80 (70:f1:96:89:6b:80), Dst: Micro-St_d4:dd:1e (4c:cc:6a:d4:dd:1e)						
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.81						
Transmission Control Protocol, Src Port: 80, Dst Port: 33118, Seq: 1, Ack: 418, Len: 438						
Hypertext Transfer Protocol						
HTTP/1.1 200 OK\r\n						
Date: Fri, 27 Sep 2019 07:43:33 GMT\r\n						
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.10 Perl/v5.16.3\r\n						
Last-Modified: Fri, 27 Sep 2019 05:59:01 GMT\r\n						
ETag: "51-593829530542d"\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 1/2]						
[Time since request: 0.081711251 seconds]						
[Request in frame: 626]						
[Next request in frame: 634]						
[Next response in frame: 641]						
[Request URI: http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html]						
File Data: 81 bytes						
Line-based text data: text/html (3 lines)						