

Melvin Evans
Csc 138 - 03

Lab 1

1. TCP, MDNS, ARP
2. .083156 of a second
3. 100.64.6.123(mine), 128.119.245.12(Gaia)
4. Received:

/var/folders/c/_738gfcs56cndbrstd8dx98mm0000gn/T/wireshark_Wi-FiQJEXX0.pcapng 1497 total packets, 4 shown

No.	Time	Source	Destination	Protocol	Length	Info
1302	22:18:59.555058	128.119.245.12	100.64.6.123	HTTP	504	HTTP/1.1 200 OK (text/html)

Frame 1302: 504 bytes on wire (4032 bits), 504 bytes captured (4032 bits) on interface en0, id 0
Ethernet II, Src: SuperMic_67:04:67 (ac:1f:6b:67:04:67), Dst: Apple_b3:26:20 (14:7d:da:b3:26:20)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 100.64.6.123
Transmission Control Protocol, Src Port: 80, Dst Port: 49696, Seq: 1, Ack: 521, Len: 438
Hypertext Transfer Protocol
HTTP/1.1 200 OK\r\n
Date: Fri, 05 Feb 2021 06:18:59 GMT\r\n
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.14 mod_perl/2.0.11 Perl/v5.16.3\r\n
Last-Modified: Fri, 05 Feb 2021 06:18:01 GMT\r\n
ETag: "51-5ba90c8445fb6"\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: 0.083156000 seconds]
[Request in frame: 1300]
[Next request in frame: 1312]
[Next response in frame: 1313]
[Request URI: http://gaia.cs.umass.edu/favicon.ico]
File Data: 81 bytes
Line-based text data: text/html (3 lines)
<html>\n
Congratulations! You've downloaded the first Wireshark lab file!\n
</html>\n

Get:

/var/folders/c_/738gfc56cndbrstd8dx98mm0000gn/T/wireshark_Wi-FiQJEXX0.pcapng 1497 total packets, 4 shown

No.	Time	Source	Destination	Protocol	Length	Info
1300	22:18:59.471902	100.64.6.123	128.119.245.12	HTTP	586	GET /

wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
Frame 1300: 586 bytes on wire (4688 bits), 586 bytes captured (4688 bits) on interface en0, id 0
Ethernet II, Src: Apple_b3:26:20 (14:7d:da:b3:26:20), Dst: SuperMic_67:04:67 (ac:1f:6b:67:04:67)
Internet Protocol Version 4, Src: 100.64.6.123, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 49696, Dst Port: 80, Seq: 1, Ack: 1, Len: 520
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 (Macintosh; Intel Mac OS X 11_2_0) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/88.0.4324.96 Safari/537.36 Edg/88.0.705.56\r\n
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*
;q=0.8,application/signed-exchange;v=b3;q=0.9\r\n
Referer: https://www.google.com/\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: 1302]
[Next request in frame: 1312]