

Vigomar Kim Algador

CPE 138 – 03

Professor Jun Dai

12 February 2023

### Lab 1 – Wireshark – Introduction

1. Internet Protocol, Transmission Control Protocol, and Hypertext Transfer Protocol.
2. 0.428562 seconds
3. The internet address of the gaia.cs.umass.edu is 128.119.245.12

The internet address of my computer is 192.168.0.29

4. (next page)

No.	Time	Source	Destination	Protocol	Length	Info
3378	18:21:40.256865	192.168.0.29	128.119.245.12	HTTP	446	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1

Frame 3378: 446 bytes on wire (3568 bits), 446 bytes captured (3568 bits) on interface \Device\NPF\_{8E87F786-ECCA-41B3-A7C3-2CC181F05CA4}, id 0  
Ethernet II, Src: IntelCor\_33:69:45 (c4:bd:e5:33:69:45), Dst: Netgear\_91:61:76 (bc:a5:11:91:61:76)  
Internet Protocol Version 4, Src: 192.168.0.29, Dst: 128.119.245.12  
Transmission Control Protocol, Src Port: 63226, Dst Port: 80, Seq: 1, Ack: 1, Len: 392  
Hypertext Transfer Protocol  
GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1\r\n  
Host: gaia.cs.umass.edu\r\n  
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:109.0) Gecko/20100101 Firefox/109.0\r\n  
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,\*/\*;q=0.8\r\n  
Accept-Language: en-US,en;q=0.5\r\n  
Accept-Encoding: gzip, deflate\r\n  
Connection: keep-alive\r\n  
Upgrade-Insecure-Requests: 1\r\n  
\r\n  
[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html]  
[HTTP request 1/1]  
[Response in frame: 3449]

No.	Time	Source	Destination	Protocol	Length	Info
3449	18:21:40.685427	128.119.245.12	192.168.0.29	HTTP	492	HTTP/1.1 200 OK (text/html)

Frame 3449: 492 bytes on wire (3936 bits), 492 bytes captured (3936 bits) on interface \Device\NPF\_{8E87F786-ECCA-41B3-A7C3-2CC181F05CA4}, id 0  
Ethernet II, Src: Netgear\_91:61:76 (bc:a5:11:91:61:76), Dst: IntelCor\_33:69:45 (c4:bd:e5:33:69:45)  
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.0.29  
Transmission Control Protocol, Src Port: 80, Dst Port: 63226, Seq: 1, Ack: 393, Len: 438  
Hypertext Transfer Protocol  
HTTP/1.1 200 OK\r\n  
Date: Sun, 12 Feb 2023 02:21:40 GMT\r\n  
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.33 mod\_perl/2.0.11 Perl/v5.16.3\r\n  
Last-Modified: Sat, 11 Feb 2023 06:59:01 GMT\r\n  
ETag: "51-5f467261dbaf0"\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: 0.428562000 seconds]  
[Request in frame: 3378]  
[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)