

LAB 1

1. 3 protocols: HTTP, DNS, TCP
2. It takes: 0.259268 seconds
3. Internet address of the gaia.cs.umass.edu: 128.119.245.12
Internet address of my computer: 10.228.224.28
- 4.

No.	Time	Source	Destination	Protocol	Length	Info
65	16:59:25.133326	10.228.224.28	128.119.245.12	HTTP	623	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
83	16:59:25.392594	128.119.245.12	10.228.224.28	HTTP	504	HTTP/1.1 200 OK (text/html)

```
▼ Hypertext Transfer Protocol
  ▼ GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1\r\n
    ▼ [Expert Info (Chat/Sequence): GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1\r\n]
      [GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1\r\n]
      [Severity level: Chat]
      [Group: Sequence]
      Request Method: GET
      Request URI: /wireshark-labs/INTRO-wireshark-file1.html
      Request Version: HTTP/1.1
      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 10_14_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/85.0.4183.121 Safari/537.36 Edg/85.0.564.68\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
      Accept-Encoding: gzip, deflate\r\n
      Accept-Language: en-VN,en-US;q=0.9,en;q=0.8,vi;q=0.7,ja;q=0.6,id;q=0.5,fr;q=0.4,zh-TW;q=0.3,zh;q=0.2\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: 83]
```

```
▼ Hypertext Transfer Protocol
  ▼ HTTP/1.1 200 OK\r\n
    ▼ [Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n]
      [HTTP/1.1 200 OK\r\n]
      [Severity level: Chat]
      [Group: Sequence]
      Response Version: HTTP/1.1
      Status Code: 200
      [Status Code Description: OK]
      Response Phrase: OK
      Date: Mon, 05 Oct 2020 09:59:25 GMT\r\n
      Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.10 mod_perl/2.0.11 Perl/v5.16.3\r\n
      Last-Modified: Mon, 05 Oct 2020 05:59:02 GMT\r\n
      ETag: "51-5b0e62de22c86"\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: 0.259268000 seconds]
      [Request in frame: 65]
      [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)
    <html>\n
    Congratulations! You've downloaded the first Wireshark lab file!\n
    </html>\n
```