

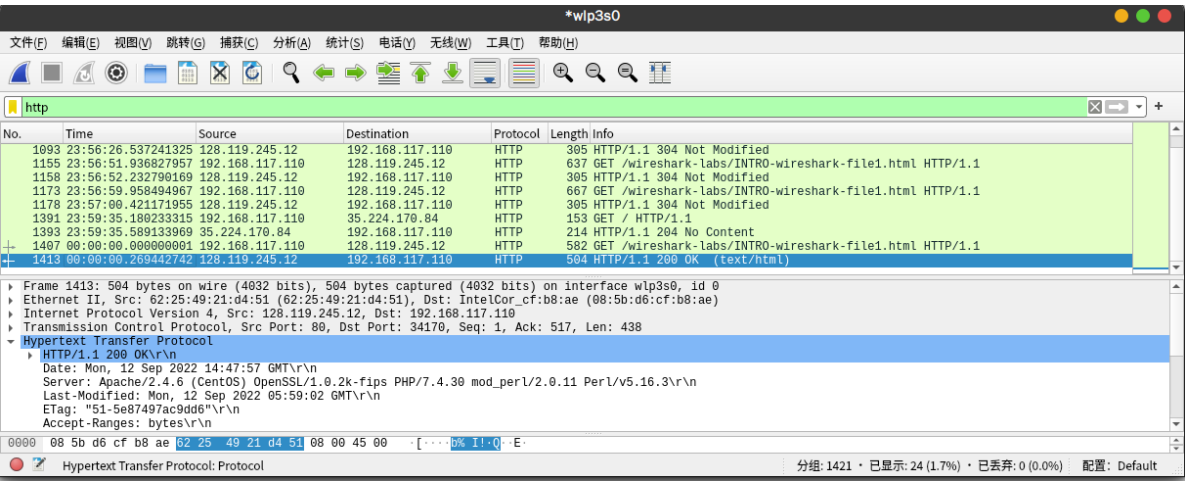
计网入门实验

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Q1

HTTP TCP ARP

Q2



(时间进行了平移方便参考)

用时约 0.269 秒

Q3

- 目标地址: 128.119.245.12
- 本机地址: 192.168.117.110

Q4

No.	Time	Source	Destination	Protocol	Length	Info
1407	00:00:00.000000001	192.168.117.110	128.119.245.12	HTTP	582	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1

Frame 1407: 582 bytes on wire (4656 bits), 582 bytes captured (4656 bits) on interface wlp3s0, id 0
Ethernet II, Src: IntelCor_cf:b8:ae (08:5b:d6:cf:b8:ae), Dst: 62:25:49:21:d4:51 (62:25:49:21:d4:51)
Internet Protocol Version 4, Src: 192.168.117.110, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 34170, Dst Port: 80, Seq: 1, Ack: 1, Len: 516
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
Cache-Control: max-age=0\r\n
Upgrade-Insecure-Requests: 1\r\n
User-Agent: Mozilla/5.0 (Linux; Android 6.0; Nexus 5 Build/MRA58N) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/104.0.0.0 Mobile Safari/537.36\r\n
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,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: zh,en;q=0.9\r\n
\r\n
[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html]
[HTTP request 1/1]
[Response in frame: 1413]

No.	Time	Source	Destination	Protocol	Length	Info
1413	00:00:00.269442742	128.119.245.12	192.168.117.110	HTTP	504	HTTP/1.1 200 OK (text/html)

Frame 1413: 504 bytes on wire (4032 bits), 504 bytes captured (4032 bits) on interface wlp3s0, id 0
Ethernet II, Src: 62:25:49:21:d4:51 (62:25:49:21:d4:51), Dst: IntelCor_cf:b8:ae (08:5b:d6:cf:b8:ae)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.117.110
Transmission Control Protocol, Src Port: 80, Dst Port: 34170, Seq: 1, Ack: 517, Len: 438
Hypertext Transfer Protocol
HTTP/1.1 200 OK\r\n
Date: Mon, 12 Sep 2022 14:47:57 GMT\r\n
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.30 mod_perl/2.0.11 Perl/v5.16.3\r\n
Last-Modified: Mon, 12 Sep 2022 05:59:02 GMT\r\n
ETag: "51-5e87497ac9dd6"\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: -82077.140996597 seconds]
[Request in frame: 1407]
[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)