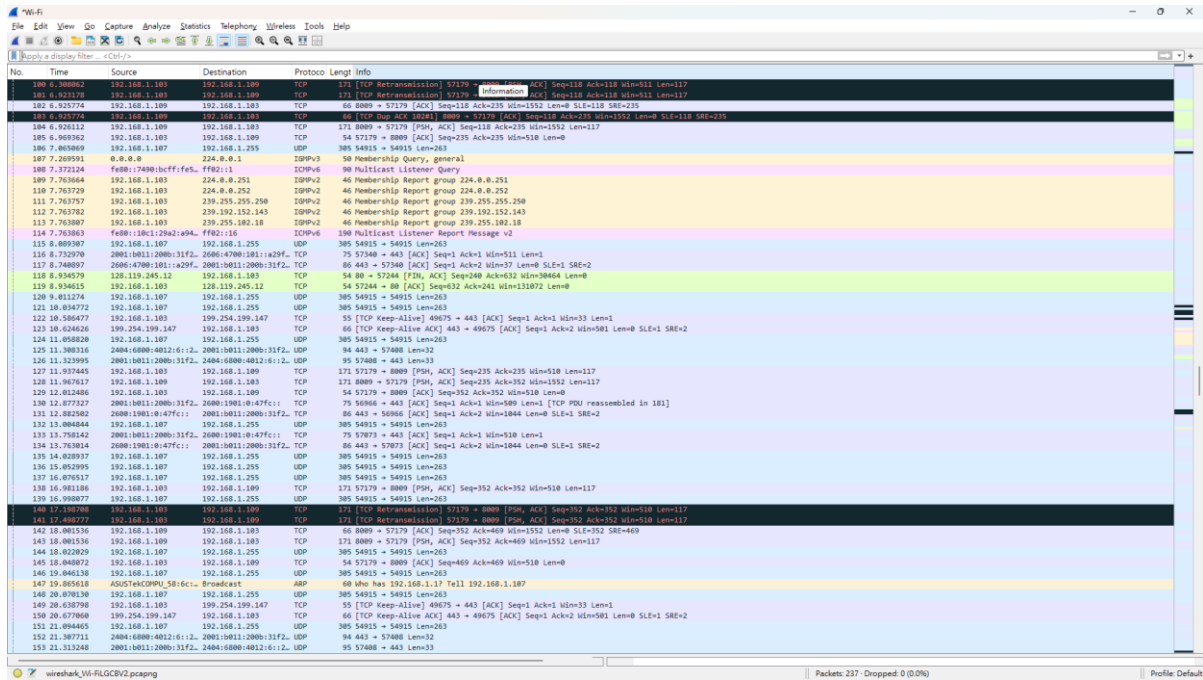
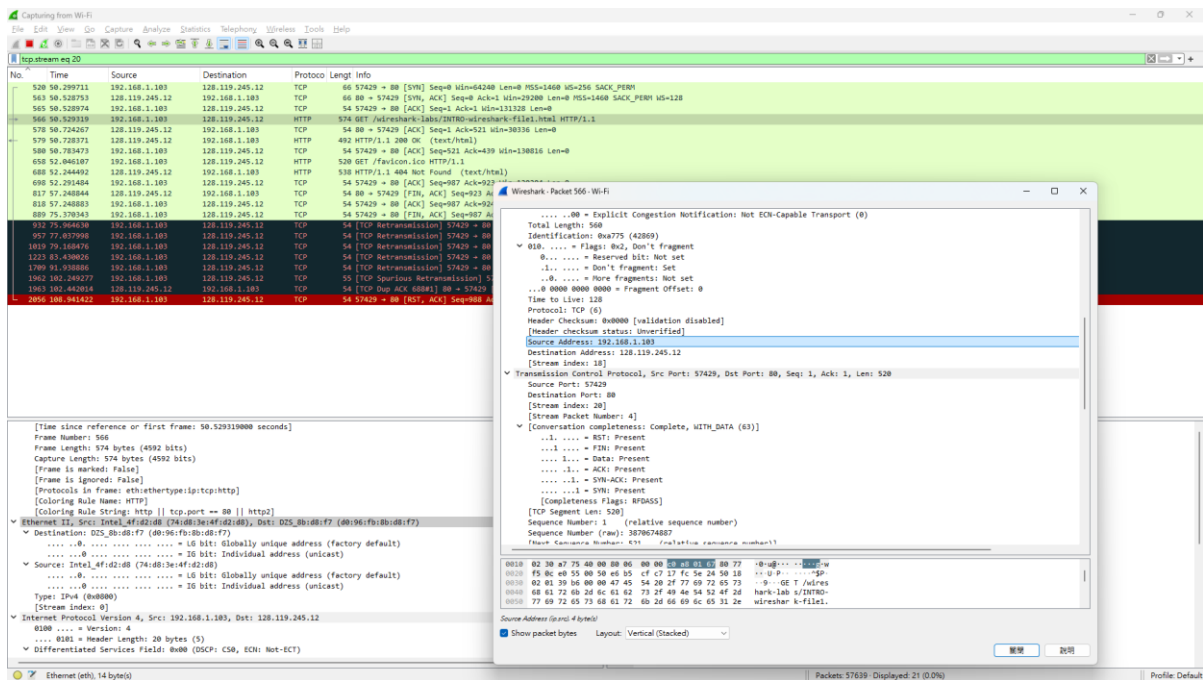


Computer Networks - Wireshark Lab0

1. TCP UDP QUIC



2. Sender Address: 192.168.1.103 Reciever Address: 128.119.245.12



Capturing on Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Filter: http

No.	Time	Source	Destination	Protocol	Length	Info
386	3.998115	192.168.1.103	128.119.245.12	HTTP	685	GET /wireschack-labs/INTRO-wireschack-file.html HTTP/1.1
387	4.198686	128.119.245.12	192.168.1.103	HTTP	293	HTTP/1.1 304 Not Modified
388	18.741647	192.168.1.103	128.119.245.12	HTTP	685	GET /wireschack-labs/INTRO-wireschack-file.html HTTP/1.1
389	18.937777	128.119.245.12	192.168.1.103	HTTP	293	HTTP/1.1 304 Not Modified

[Coloring Rule String: http | tcp.port == 80 | http2]

Ethernet II, Src: Intel_Afd2d8 (74:d8:3e:af:d2:d8), Dst: D25_8b:d8:f7 (d0:96:fb:8b:d8:f7)

Destination: D25_8b:d8:f7 (d0:96:fb:8b:d8:f7)

Source: Intel_Afd2d8 (74:d8:3e:af:d2:d8)

Type: IPv4 (0x0000)

[Stream Index: 0]

Internet Protocol Version 4, Src: 192.168.1.103, Dst: 128.119.245.12

0100 Version: 4

0100 DSRI - Header Length: 20 bytes (5)

0100 Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0100 Total Length: 671

0100 Identification: 0xa022 (39042)

0100 Flags: 0x02, Don't Fragment

0100 ...8 0000 0000 0000 - Fragment Offset: 0

0100 Time to live: 128

0100 Protocol: TCP (6)

0100 Header Checksum: 0xa000 [validation disabled]

0100 [header checksum status: Unverified]

0100 Source Address: 192.168.1.103

0100 Destination Address: 128.119.245.12

0100 [Stream Index: 1]

Transmission Control Protocol, Src Port: 57188, Dst Port: 80, Seq: 1, Ack: 1, Len: 631

0100 Hypertext Transfer Protocol

0100 GET /wireschack-labs/INTRO-wireschack-file.html HTTP/1.1

0100 Host: gaia.cs.umass.edu

0100 Connection: keep-alive

0100 Cache-Control: max-age=0

0100 Upgrade-Insecure-Requests: 1

0100 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/129.0.0.0 Safari/537.36 Edg

0100 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/png,*/*;q=0.8,application/signed-exch

0100 Accept-Encoding: gzip, deflate

0100 Accept-Language: zh-Tw;q=0.9,en-us;q=0.8,en;q=0.7,en-GB;q=0.6

0100 If-None-Match: "51-c24553ac1070c"

0100 If-Modified-Since: Sun, 13 Oct 2024 05:59:02 GMT

0100 [Response in frame 310]

0100 [Full request URL: http://gaia.cs.umass.edu/wireschack-labs/INTRO-wireschack-file.html]

0000 48 96 fb 8b d8 f7 24 d8 3e 4f d2 05 00 00 45 00xO...E

0010 02 9f a8 22 48 00 00 00 00 00 c0 a8 81 67 80 77 ...B...g w

0020 15 0c 0f 64 00 50 f6 63 04 70 00 20 21 04 50 18 ...P...p 01 P

0030 02 01 3a 25 00 00 47 63 54 30 2f 77 69 72 63 73 ...% 00 1 /wires

0040 00 01 72 00 20 65 43 63 73 2f 0e 0e 54 32 4f 0e ...wireschack-lab

0050 77 69 72 63 73 2f 0e 0e 54 32 4f 0e 55 31 2e 0e ...wireschack-lab

0060 0e 74 3a 20 4d 6f 7a 69 6c 4c 61 2f 35 2a 30 38 ...wireschack-lab

0070 0f 73 7a 3a 20 67 63 69 63 2a 63 73 2a 75 6d 61 ...0001 gaia.cs.um

0080 73 73 2a 65 64 75 0d 0a 43 6f 6e 6e 65 63 74 69 ...ss.edu- Connecti

0090 6f 6e 3a 20 0e 65 65 70 2d 61 6e 69 76 65 6d 0a ...on: keep-alive

00a0 43 61 63 68 65 2d 43 6f 6e 74 72 6f 6c 3a 20 6d ...Cache-Control: s

00b0 61 78 2d 61 67 65 3d 38 0d 0a 55 70 67 72 63 64 ...ax-age=0 -Upgrad

00c0 65 2d 4d 6e 73 65 63 75 72 63 2d 52 65 71 75 65 ...e-Insecure-Req

00d0 73 7a 73 3a 20 31 0d 0a 55 73 65 72 2d 41 67 65 ...sts: 1--User-Age

00e0 6e 74 3a 20 4d 6f 7a 69 6c 4c 61 2f 35 2a 30 38 ...nt: Mozilla/5.0

00f0 28 57 69 6e 64 6f 77 73 28 4e 54 20 31 30 2a 38 ... (Windows NT 10.0

0100 30 20 57 69 6e 64 6f 77 73 28 70 36 34 29 20 41 70 ...; Win64; x64) Ap

0110 70 6c 65 57 65 62 4b 69 7a 2f 35 33 37 2a 33 36 ... AppleWebKit/537.36

0120 20 28 40 48 54 4d 4c 2c 20 6c 69 69 65 20 47 65 ... (KHTML, like Ge

0130 63 4b 4f 20 20 43 68 72 6f 6d 65 2f 31 32 39 2a ...ck) Chrome/129.0

0140 30 2e 30 2e 30 20 53 61 66 61 72 69 2f 35 33 37 ...0.0.0 Sa Safari/537

0150 2a 33 36 20 45 64 67 2f 31 32 29 20 30 2a 30 2a ...-36 Edg/129.0.0.

0160 30 0d 0a 41 63 65 70 74 3a 20 74 65 78 74 2f 0e ...0-Accept: text/

0170 68 74 6d 6c 2c 61 70 70 6c 69 63 61 74 69 6f 6e ...html,application

0180 2f 78 68 74 6d 6c 2b 78 6d 6c 2c 61 70 70 6c 69 .../xhtml+xml;appli

0190 63 61 74 69 6f 6e 2f 78 6d 6c 30 71 3d 30 2a 39 ...cation/xml;q=0.9

01a0 2c 69 6d 61 67 65 2f 61 76 69 69 6c 2c 69 6d 61 67 ...image/x-iff;imag

01b0 65 2f 77 65 62 70 2c 69 6d 61 67 65 2f 61 76 6e ...e/xml;q=0.8,appl

01c0 67 2c 2a 2f 2a 30 71 3d 30 2e 38 2c 61 70 70 6c ...g; /*q=0.8,appl

01d0 69 63 61 74 69 6f 6e 2f 73 69 67 6e 65 64 2d 65 ...lication/signed-e

01e0 78 63 68 61 6e 67 65 30 76 3d 62 33 30 71 3d 38 ...xchange/xml;q=0

01f0 2e 37 6d 6a 41 63 65 65 70 74 2d 45 6e 63 6f 64 .../*-Accept-Encod

0200 69 6e 67 3a 20 67 7a 69 70 2c 20 64 65 66 6c 61 ...ing: gzip, defla

0210 74 65 0d 41 63 65 65 70 74 2d 45 6e 67 75 ...te-Accept-Encod

0220 61 67 65 6a 20 7a 68 2d 54 57 2c 7a 68 3b 71 3d ...age: zh-Tw;q=0.9

0230 30 2e 38 2c 65 6e 2d 55 53 30 71 3d 30 2e 38 2c ...0.9,en-us;q=0.8

0240 65 6e 30 71 3d 30 2e 37 2c 65 6e 2d 47 42 30 71 ...en;q=0.7,en-GB;q

0250 3d 30 2e 36 0d 0a 49 66 2d 4e 6f 6e 65 2d 4d 61 ...0.6.-If-None-Ma

0260 74 63 68 3a 20 22 39 31 2d 30 32 35 35 36 61 ...tch: "51-c24553ac

0270 63 31 30 37 30 36 22 0d 0a 49 66 2d 4d 6f 64 69 ...c8070c"-If-Modi

0280 66 69 65 64 2d 53 69 6e 63 65 3a 20 53 75 6e 2c ...fied-Sin cel: Sun,

0290 20 31 32 2d 4f 63 74 20 32 30 32 3d 20 38 35 3a ...13 Oct 2024 05:

02a0 35 39 3a 30 32 20 47 4d 54 0d 0a 0d 0a ...59:02 GMT----

3.