

No.	Time	Source	Destination	Protocol	Length	Info
102	3.134488	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
109	3.144818	146.190.62.39	10.100.203.89	HTTP	1374	HTTP/1.1 200 OK (text/html)
111	3.187020	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
118	3.408426	10.100.203.89	146.190.62.39	HTTP	510	GET / HTTP/1.1
120	3.434670	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
127	3.647035	146.190.62.39	10.100.203.89	HTTP	1374	HTTP/1.1 200 OK (text/html)
628	19.957317	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
648	20.182454	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
682	20.585053	10.100.203.89	23.223.42.245	HTTP	165	GET /connecttest.txt HTTP/1.1
688	20.646029	23.223.42.245	10.100.203.89	HTTP	241	HTTP/1.1 200 OK (text/plain)
750	22.397669	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
752	22.830013	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
804	25.205775	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
816	25.444125	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
924	27.448388	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
954	27.687703	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
1317	30.077812	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
1333	30.336617	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
1408	32.482157	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
1415	32.734366	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
1512	35.530170	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
1528	35.766355	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
1590	37.555729	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
1619	37.839283	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
1697	40.572494	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
1709	40.807700	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
2022	50.755894	10.100.203.89	23.223.42.245	HTTP	165	GET /connecttest.txt HTTP/1.1
2027	50.816924	23.223.42.245	10.100.203.89	HTTP	241	HTTP/1.1 200 OK (text/plain)
2736	80.916422	10.100.203.89	23.223.42.245	HTTP	165	GET /connecttest.txt HTTP/1.1
2740	80.982121	23.223.42.245	10.100.203.89	HTTP	241	HTTP/1.1 200 OK (text/plain)

> Frame 1709: 803 bytes on wire (6424 bits), 803 bytes captured (6424 bits) on interface \Device\NPF...	0000 a8 93 4a 9c ac f5 c0 f6 ec 90 a9 0b 00 00 45 00	.....E
> Ethernet II, Src: HuaweiTechno_90:a9:0b (c8:f6:ec:90:a9:0b), Dst: ChongqingFug_9c:ac:f5 (a8:93:4a:9c:ac)	0010 03 15 35 a1 40 00 2c 06 6f 9f 92 be 3e 27 0a 64	..5@...o...>d
> Internet Protocol Version 4, Src: 146.190.62.39, Dst: 10.100.203.89	0020 cb 59 00 50 e7 8d ec b9 64 d9 27 1f 9b a5 50 18	..Y.P....d....P.
> Transmission Control Protocol, Src Port: 80, Dst Port: 59277, Seq: 1, Ack: 541, Len: 749	0030 01 f5 90 52 00 00 48 54 54 50 2f 31 2e 31 20 33	...R..HT TP/1.1.3
> Hypertext Transfer Protocol	0040 30 34 20 4e 6f 7a 20 4d 6f 64 69 66 65 64 0d	00 Not Modified
	0050 0a 53 65 72 76 65 72 3a 20 6e 67 69 6e 78 2f 31	Server: nginx/1
	0060 2e 31 38 2e 30 20 28 55 62 75 6e 74 75 29 0d 0a	.18.0 (Ubuntu)...
	0070 44 61 74 65 3a 20 4d 6f 6e 2c 20 32 38 20 4a 75	Date: Mon, 28 Jun
	0080 6c 20 32 30 32 35 20 30 39 3a 33 31 3a 33 37 20	1 2025 0 9:31:37
	0090 47 4d 54 0d 0a 4c 61 73 74 2d 4d 6f 64 69 66 69	GMT: Last-Modified
	00a0 65 64 3a 20 57 65 64 2c 20 32 32 20 4d 61 72 20	ed: Wed, 22 Mar
	00b0 32 30 32 33 20 31 34 3a 35 34 3a 34 30 20 47 4d	2023 14: 54:48 GMT

This shows the network traffic log with emphasis on different concurrent HTTP dialogues. The main activity is a web surfing session between a client (10.100.203.89) and a web server (146.190.62.39) with a sequence of requests and responses from HTTP/1.1 200 OK dispensing content to, as we can observe in Frame 1709, HTTP/1.1 304 Not Modified, requesting that the browser utilize its locally stored copy of the webpage. Concurrently, the capture illustrates, at the same time, communication by the client to a different server (23.223.42.245) by requesting a connecttest.txt file, which can be an ordinary request to test internet network operation. Overall, the log provides an extensive view of all communications that take place in a web session.

No.	Time	Source	Destination	Protocol	Length	Info
91	2.889202	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
94	2.898984	10.100.203.89	146.190.62.39	HTTP	510	GET / HTTP/1.1
102	3.134488	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
109	3.144818	146.190.62.39	10.100.203.89	HTTP	1374	HTTP/1.1 200 OK (text/html)
111	3.187020	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
118	3.408426	10.100.203.89	146.190.62.39	HTTP	510	GET / HTTP/1.1
120	3.436709	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
127	3.647035	146.190.62.39	10.100.203.89	HTTP	1374	HTTP/1.1 200 OK (text/html)
628	19.957317	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
648	20.182454	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
682	20.585053	10.100.203.89	23.223.42.245	HTTP	165	GET /connecttest.txt HTTP/1.1
688	20.646029	23.223.42.245	10.100.203.89	HTTP	241	HTTP/1.1 200 OK (text/plain)
750	22.397669	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
752	22.838013	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
804	25.205775	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
816	25.444125	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
924	27.448388	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
954	27.687703	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
1317	30.077812	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1

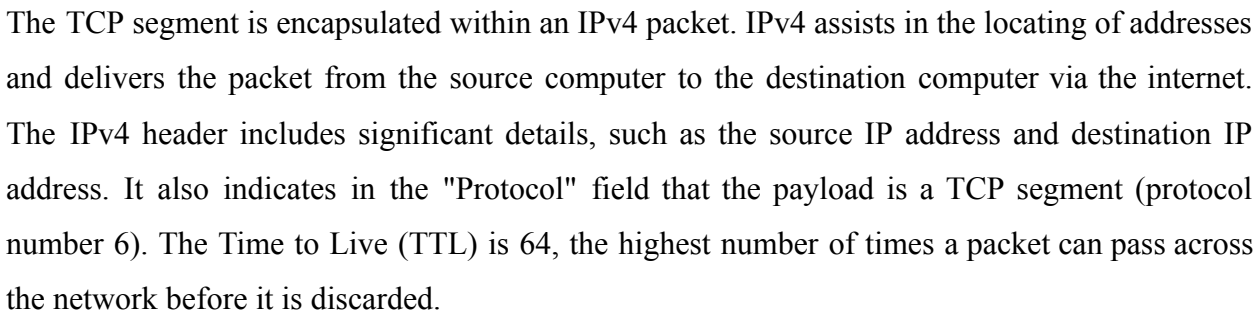
  

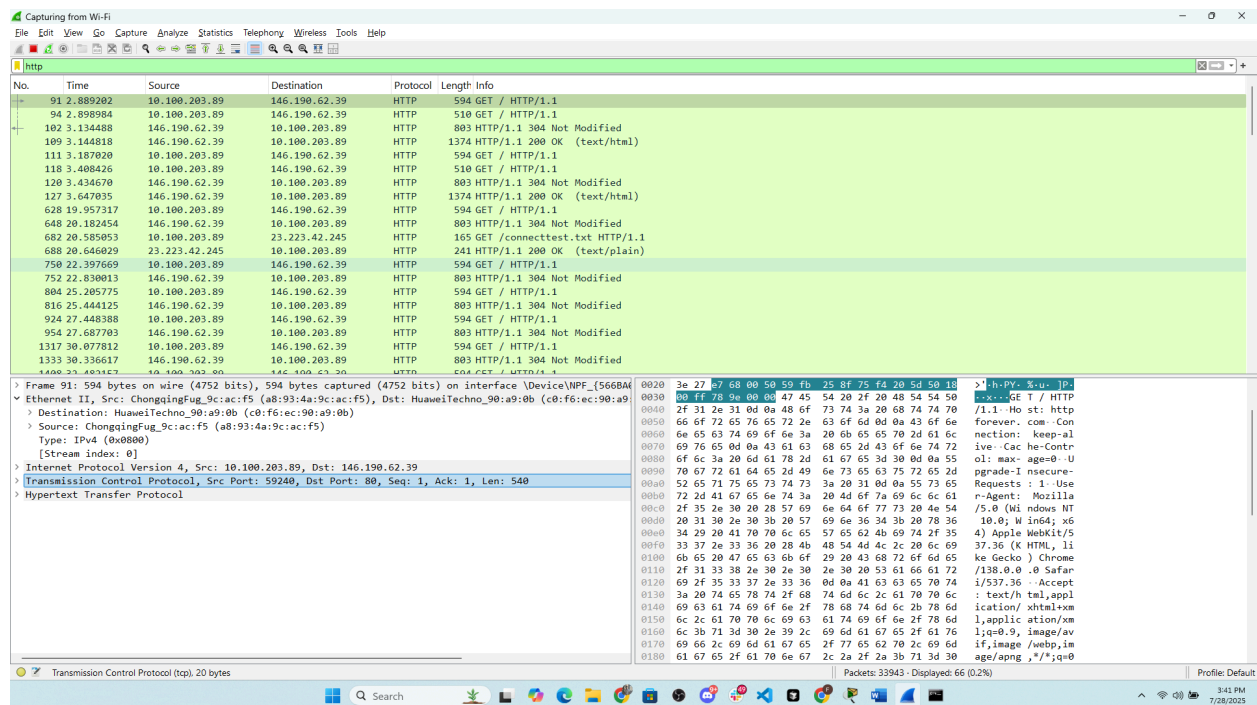
> Frame 91: 594 bytes on wire (4752 bits), 594 bytes captured (4752 bits) on interface \Device\NPF_{566BAE...}	0030	00 ff 78 9e 00 00 47 45 54 20 2f 20 48 54 54 50	..x...GE T / HTTP
> Ethernet II, Src: ChongqingFug_9:ciac:f5 (a8:93:4a:9:ciac:f5), Dst: HuaweiTechno_90:a9:0b (c0:f6:ec:90:a9...)	0040	2f 31 2e 31 0d 0a 48 6f 73 74 3a 20 68 74 74 70	/1.1..Ho st: http
> Internet Protocol Version 4, Src: 10.100.203.89, Dst: 146.190.62.39	0050	66 6f 72 65 76 65 72 2e 63 6f 6d 0d 0a 43 6f 6e	forever. com .Con
> Transmission Control Protocol, Src Port: 59248, Dst Port: 80, Seq: 1, Ack: 1, Len: 540	0060	6e 65 63 74 69 6f 6e 3a 20 6b 65 65 70 2d 61 6c	nection: keep-al
> Hypertext Transfer Protocol	0070	69 76 65 6d 0a 43 61 63 68 65 2d 43 6f 6e 74 72	ive: Cac he-Contr
> GET / HTTP/1.1\r\n\r\n	0080	6f 6c 3a 20 6d 61 78 2d 61 67 65 3d 30 0d 0a 25	ol: max- age=0
Host: httpforever.com\r\n	0090	70 67 72 61 64 65 2d 49 6e 73 65 63 75 72 65 26	grade-I nsecure
Connection: keep-alive\r\n	00a0	62 53 71 75 65 72 74 70 2b 20 31 0d 0a 55 73 65	requests -10Use
Cache-Control: max-age=0\r\n	00b0	72 2d 41 67 65 6e 74 3a 20 4d 6f 7a 69 6c 6e 61	r-Agent: Mozilla
Upgrade-Insecure-Requests: 1\r\n	00c0	2f 35 2e 30 20 28 57 69 6e 64 6f 77 73 20 4e 54	/5.0 (Wi ndows NT
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/1...	00d0	20 31 30 2e 30 3b 20 57 69 6e 36 34 3b 20 78 36	10.0; W in64; x6
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=...	00e0	34 29 20 41 70 70 6c 65 57 65 62 4b 69 74 2f 35	4) Apple WebKit/5
Accept-Encoding: gzip, deflate\r\n	00f0	33 37 2e 33 36 20 2b 48 48 54 4d 4c 2c 20 6c 69	37.36 (K HTML, li
Accept-Language: en-US,en;q=0.9\r\n	0100	6b 65 20 47 65 63 6b 6f 29 20 43 68 72 6f 6d 65	ke Gecko ) Chrome
If-None-Match: W/"641b16b8-1404"\r\n	0110	2f 31 33 38 2e 30 2e 30 2e 30 20 53 61 66 61 72	/138.0.0 .0 Safar
If-Modified-Since: Wed, 22 Mar 2023 14:54:48 GMT\r\n	0120	69 2f 35 33 37 2e 33 36 0d 0a 41 63 63 65 70 74	i/537.36 - Accept
\r\n	0130	3a 20 74 65 78 74 2f 68 74 6d 6c 2c 61 70 70 6c	: text/h tml,appl
[Response in frame: 102]	0140	69 63 61 74 69 6f 6e 2f 78 68 74 6d 6c 2b 78 6d	ication/ xhtml+xm
[Full request URI: http://httpforever.com/]	0150	6c 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 78 6d	l,applic ation/xm
	0160	6c 3b 71 3d 30 2e 39 2c 69 6d 61 67 65 2f 61 76	l;q=0.9, image/av
	0170	69 66 2c 69 6d 61 67 65 2f 77 65 62 70 2c 69 6d	if,image /webp,im
	0180	61 67 65 2f 61 70 6e 67 2c 2a 2f 2a 3b 71 3d 30	age/apng /*;q=0
	0190	2e 38 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 73	.8,appli cation/s
	01a0	69 67 6e 65 64 2d 65 78 63 68 61 6e 67 65 3b 76	igned-ex change;v

Here are some details of an HTTP request by a client (10.100.203.89) to a server (146.190.62.39). The additional section provides details of HTTP GET request headers. It's a "conditional GET" due to the If-None-Match and If-Modified-Since headers. That instructs the server to return the web page only if it has been modified after the client last downloaded it, which aids web caching.

Capturing from Wi-Fi					
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help					
http					
No.	Time	Source	Destination	Protocol	Length Info
91	2.889202	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
94	2.898984	10.100.203.89	146.190.62.39	HTTP	510 GET / HTTP/1.1
102	3.134488	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
109	3.144818	146.190.62.39	10.100.203.89	HTTP	1374 HTTP/1.1 200 OK (text/html)
111	3.187020	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
118	3.408426	10.100.203.89	146.190.62.39	HTTP	510 GET / HTTP/1.1
120	3.434670	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
127	3.647035	146.190.62.39	10.100.203.89	HTTP	1374 HTTP/1.1 200 OK (text/html)
628	19.957317	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
648	20.182454	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
682	20.585053	10.100.203.89	23.223.42.245	HTTP	165 GET /connecttest.txt HTTP/1.1
688	20.646029	23.223.42.245	10.100.203.89	HTTP	241 HTTP/1.1 200 OK (text/plain)
> Frame 91: 594 bytes on wire (4752 bits), 594 bytes captured (4752 bits) on interface \Device\NPF_{566BAE...}					
> Ethernet II, Src: ChongqingFug_9c:ac:f5 (a8:93:4a:9c:ac:f5), Dst: HuaweiTechno_90:a9:0b (c0:f6:ec:90:a9:0b)					
> Internet Protocol Version 4, Src: 10.100.203.89, Dst: 146.190.62.39					
> Transmission Control Protocol, Src Port: 59240, Dst Port: 80, Seq: 1, Ack: 1, Len: 540					
> Source Port: 59240					
> Destination Port: 80					
> [Stream index: 7]					
> [Stream Packet Number: 4]					
> [Conversation completeness: Complete, WITH_DATA (63)]					
> [TCP Segment Len: 540]					
> Sequence Number: 1 (relative sequence number)					
> Sequence Number (raw): 1509631375					
> [Next Sequence Number: 541 (relative sequence number)]					
> Acknowledgment Number: 1 (relative ack number)					
> Acknowledgment number (raw): 1978933341					
> 0101 ... = Header Length: 20 bytes (5)					
> Flags: 0x018 (PSH, ACK)					
> Window: 255					
> [Calculated window size: 65280]					
> [Window size scaling factor: 256]					
> Checksum: 0x780e [unverified]					
> [Checksum Status: Unverified]					
> Urgent Pointer: 0					
> [Timestamps]					
> [SEQ/ACK analysis]					
> TCP payload (540 bytes)					
> Hypertext Transfer Protocol					
0030 00 ff 78 9e 00 00 47 45 54 20 2f 20 48 54 54 50 ..x...GE T / HTTP           0040 2f 31 2e 31 0d 0a 48 6f 73 74 3a 20 68 74 74 70 /1.1..Ho st: http           0050 66 6f 72 65 76 65 72 2e 63 6f 6d 0d 0a 43 6f 6e forever. com: Con           0060 6e 65 63 74 69 6f 6e 3a 20 6b 65 65 70 2d 61 6c nection: keep-al           0070 69 76 65 0d 0a 43 61 63 68 65 2d 43 6f 6e 74 72 ive: Cac he-Contr           0080 6f 6c 3a 20 6d 61 78 2d 61 67 65 3d 30 0d 0a 55 ol: max- age=0- U           0090 70 67 72 61 64 65 2d 49 6e 73 65 63 75 72 65 2d pgrade-I nsecure-           00a0 52 65 71 75 65 73 74 73 3a 20 31 0d 0a 55 73 65 Requests 1 Use           00b0 72 2d 41 67 65 6e 74 3a 20 4d 6f 72 63 6e 6e 61 Agents: Mozilla           00c0 2f 35 2e 30 20 28 57 69 6e 64 6f 77 73 20 4e 54 /5.0 (Wi ndows NT           00d0 20 31 30 2e 30 3b 20 57 69 6e 36 34 3b 20 78 36 10.0; W in4; x6           00e0 34 29 20 41 70 70 6e 65 57 65 62 4b 69 74 2f 35 4) Apple WebKit/5           00f0 63 37 2e 33 36 20 2b 4b 48 54 4d 4c 2c 20 6e 66 37.36 (KHTML, li           0100 6b 65 20 47 65 63 6b 6f 29 20 43 68 72 6f 6d 65 ke Gecko ) Chrome           0110 2f 31 33 38 2e 30 2e 30 2e 30 20 53 61 66 61 72 /138.0.0 .0 Safar           0120 69 2f 35 33 37 2e 33 36 0d 0a 41 63 63 65 70 74 /537.36 .Accept           0130 3a 20 74 65 78 74 2f 68 74 6d 6c 2c 61 70 70 6c : text/h tml,appl           0140 69 63 61 74 69 6f 6e 2f 78 68 74 6d 6c 2b 78 6d ication/ xhtml+xml           0150 6c 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 78 6d l,applic ation/xm           0160 6c 3b 71 3d 30 2e 39 2c 69 6d 61 67 65 2f 61 76 l;q=0.9, image/av           0170 69 66 2c 69 6d 61 67 65 2f 77 65 62 70 2c 69 6d if,image /webp,im           0180 61 67 65 2f 61 70 6e 67 2c 2a 2f 2a 3b 71 3d 30 age/sprng ;/?;q=0           0190 2e 38 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 73 .8,appli cation/s           01a0 69 67 6e 65 64 2d 65 78 63 68 61 6e 67 65 3b 76 igned-ex change=v           01b0 3d 62 33 3b 71 3d 30 2e 37 0d 0a 41 63 63 65 70 =b3;q=0. 7- Accep           01c0 74 2d 45 6e 63 6f 64 69 6e 67 3a 20 67 74 69 70 t-encodi ng: gzip           01d0 2c 20 64 65 66 6e 61 74 65 0d 0a 41 63 63 65 70 , deflat e- Accep           01e0 74 2d 4c 61 6e 67 75 61 67 65 3a 20 65 6e 2d 55 t-Langua ge: en-U           01f0 53 2c 65 6e 3b 71 3d 30 2e 39 0d 0a 49 66 2d 4e S,en;q=0.9- If-N           0200 6f 6e 65 2d 4d 61 74 63 68 3a 20 57 2f 22 36 34 one-Matc h: W/"64           0210 31 62 31 36 62 38 2d 31 34 30 34 22 0d 0a 49 66 1b16bb-1 404"- If           0220 2d 4d 6f 64 69 66 69 65 64 2d 53 69 6e 63 65 3a -Modifie d-Since:					
Packets: 32742 - Displayed: 64 (0.2%)					
Profile: Default					

The HTTP request is encapsulated within a Transmission Control Protocol, or TCP, segment. The TCP protocol ensures there's a better connection and data will be transmitted properly. The TCP segment indicates communication from client port 59240 to port 80, which happens to be the primary HTTP port on the server. The push flag, or PSH, is set on at the receiving end, instructing it to forward this data immediately to the web application server.





Here we can see the contents of Ethernet II frame, running on the data link level. The data link level task is to forward data from some particular local network's node to another, respective local network's node. The expanded header defines the source MAC address (c8:ff:ac:9b:a5:db) and Destination MAC address (a0:91:c8:9c:ac:f5), physically identifying the receiving and sending device network interface cards. The Type has IPv4 (0x0800) defined, which tells us the data payload encapsulated in this Ethernet frame forms an IPv4 packet.

Capturing from Wi-Fi					
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help					
http					
No.	Time	Source	Destination	Protocol	Length Info
91	2.889202	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
94	2.898984	10.100.203.89	146.190.62.39	HTTP	510 GET / HTTP/1.1
102	3.134488	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
109	3.144818	146.190.62.39	10.100.203.89	HTTP	1374 HTTP/1.1 200 OK (text/html)
111	3.187020	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
118	3.408426	10.100.203.89	146.190.62.39	HTTP	510 GET / HTTP/1.1
120	3.434670	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
127	3.647035	146.190.62.39	10.100.203.89	HTTP	1374 HTTP/1.1 200 OK (text/html)
628	19.957317	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
648	20.182454	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
682	20.585053	10.100.203.89	23.223.42.245	HTTP	165 GET /connecttest.txt HTTP/1.1
688	20.646029	23.223.42.245	10.100.203.89	HTTP	241 HTTP/1.1 200 OK (text/plain)
750	22.397669	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
752	22.830013	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
804	25.205775	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
▼ Frame 91: 594 bytes on wire (4752 bits), 594 bytes captured (4752 bits) on interface \Device\NPF_{566BA09D-0A6F-484C-BCD0-550EE33675C2}					
Section number: 1					
Interface id: 0 (\Device\NPF_{566BA09D-0A6F-484C-BCD0-550EE33675C2})					
Encapsulation type: Ethernet (1)					
Arrival Time: Jul 28, 2025 15:30:57.886055000 Bangladesh Standard Time					
UTC Arrival Time: Jul 28, 2025 09:30:57.886055000 UTC					
Epoch Arrival Time: 1753695057.886055000					
[Time shift for this packet: 0.000000000 seconds]					
[Time delta from previous captured frame: 0.000285000 seconds]					
[Time delta from previous displayed frame: 0.000000000 seconds]					
[Time since reference or first frame: 2.889202000 seconds]					
Frame Number: 91					
Frame Length: 594 bytes (4752 bits)					
Capture Length: 594 bytes (4752 bits)					
[Frame is marked: False]					
[Frame is ignored: False]					
[Protocols in frame: eth:ethertype:ip:tcp:http]					
[Coloring Rule Name: HTTP]					
[Coloring Rule String: http    tcp.port == 80    http2]					
Ethernet II, Src: ChongqingFug_93:ac:f5 (a8:93:4a:93:ac:f5), Dst: HuaweiTechno_90:a9:0b (c8:f6:ec:90:a9:0b)					
Internet Protocol Version 4, Src: 10.100.203.89, Dst: 146.190.62.39					
Transmission Control Protocol, Src Port: 59240, Dst Port: 80, Seq: 1, Ack: 1, Len: 540					
Hypertext Transfer Protocol					
0000	3e 27 e7 68 00 50 59 f9	25 8f 75 f4 20 5d 50 18	> .h.PY. %u: [P-		
0030	00 ff 78 9e 00 4d 55 20	45 54 20 48 48 54 50	.x: GE 1 / HTTP		
0060	2f 31 2e 31 0d 0a 4b 6f	73 74 3a 2b 68 74 74 70	/1.1 -Ho st: http		
0090	66 6f 72 65 76 65 72 2e	63 6f 6d 0d 0a 43 6f 6e	forever, com: Con		
00c0	6e 65 63 69 69 6f 6e 6a	20 6b 65 65 70 2d 61 6c	nection: keep-al		
00f0	69 76 65 0d 0a 43 61 63	68 05 2d 43 6f 6e 74 72	ive: Cac he-Contr		
0120	6f 6c 3a 20 6d 61 7b 2d	61 67 65 3d 30 0d 0a 55	ol: max-age=0 U		
0150	70 67 72 61 64 65 2d 49	4e 73 65 63 75 72 65 2d	pgrade:1 nsecu:e-		
0180	52 65 71 75 65 73 74 73	3a 20 31 0d 0a 55 73 65	Requests: 1 Use		
01b0	72 2d 41 67 65 6e 74 3a	20 4d 6f 6e 74 30 6c 61	s-Agent: Mozilla		
01e0	5f 3e 30 2b 28 57 69 6e	6d 6f 77 73 70 4c 54	/5.0 (Mi ndus M		
0210	20 31 30 2a 3b 20 57 69	6e 36 3a 3b 20 7b 3a	10.8; M ind; ad		
0240	34 29 20 41 70 7b 6c 65	57 65 62 4b 69 74 2f 35	s) Apple WebKit/5		
0270	33 27 2e 33 3e 28 2b 48	48 54 4d 4c 2c 20 6c 69	37.36 (K HTML, li		
02a0	60 65 20 47 65 63 6b 6f	29 20 43 68 72 6f 6d 65	Gecko) Chrome		
02d0	2f 21 33 3b 2c 30 2c 30	2c 30 20 52 61 65 61 72	/38.0.0.9 Ssif		
0300	62 29 35 37 2a 33 36 0d	41 63 63 75 65 70 74	1/537.36 -Accept		
0330	3a 20 74 65 78 74 2f 68	74 6d 6c 6c 21 6f 70 6c	: text/html,appl		
0360	69 63 61 74 69 6f 6e 2f	78 68 6d 6f 6e 2b 78 6d	ication/xhtml+xml		
0390	6c 2c 61 7b 70 7b 6c 69	63 61 74 69 6f 6e 2f 78 6d	,application/xm		
03c0	6c 3b 71 3d 30 2c 39 2c	69 6d 61 67 65 2f 61 76	l;q=0.9,image/av		
03f0	69 66 2c 69 6d 61 67 65	27 77 65 62 70 2c 69 6d	if,image/webp,xm		
0420	61 67 65 2f 61 70 7b 6f	2c 2a 2f 2a 3b 71 3d 30	age/apng,*/*;q=0		
0450	2e 38 61 67 70 7b 6c 69	63 61 74 69 6f 6e 2f 73	,application/s		
0480	69 67 6e 65 64 2d 65 78	63 68 61 6e 67 65 3b 76	igned-ex change;y		
04b0	3d 62 33 3b 71 3d 30 2e	2f 0d 0a 41 63 63 65 70	=b3;q=0.7,Accept		
04e0	74 2d 45 6e 63 6f 64 69	6e 67 3a 20 67 74 69 70	T-Encoding: gzip		
0510	2c 20 64 65 66 6c 61 74	75 0d 0a 41 63 63 65 70	, deflate -Accept		
0540	74 2d 4c 61 65 67 75 61	67 65 3a 20 65 6e 2d 55	-Langua ge=en-U		

No.	Time	Source	Destination	Protocol	Length	Info
91	2.889202	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
94	2.889884	10.100.203.89	146.190.62.39	HTTP	510	GET / HTTP/1.1
102	3.134488	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
109	3.144818	146.190.62.39	10.100.203.89	HTTP	1374	HTTP/1.1 200 OK (text/html)
111	3.187020	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
118	3.408426	10.100.203.89	146.190.62.39	HTTP	510	GET / HTTP/1.1
120	3.434670	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
127	3.647035	146.190.62.39	10.100.203.89	HTTP	1374	HTTP/1.1 200 OK (text/html)
628	19.957317	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
648	20.182454	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
682	20.585053	10.100.203.89	23.223.42.245	HTTP	165	GET /connecttest.txt HTTP/1.1
688	20.646029	23.223.42.245	10.100.203.89	HTTP	241	HTTP/1.1 200 OK (text/plain)
750	22.397669	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1
752	22.830013	146.190.62.39	10.100.203.89	HTTP	803	HTTP/1.1 304 Not Modified
804	25.205775	10.100.203.89	146.190.62.39	HTTP	594	GET / HTTP/1.1

> Frame 94: 510 bytes on wire (4080 bits), 510 bytes captured (4080 bits) on interface \Device\NPF_{5668BAE...}	0020 3e 27 97 69 00 50 f2 dd 81 4c cc 07 70 a0 50 16 > 3: Pcap Library
> Ethernet II, Src: ChongqingFug_9c:ac:f5 (a8:93:4a:9c:ac:f5), Dst: HuaweiTechno_90:a9:0b (c8:f6:ec:90:a9)	0030 00 ff 91 08 00 00 47 45 54 20 2f 20 48 54 54 50 > 1: GE T / HTTP
> Internet Protocol Version 4, Src: 10.100.203.89, Dst: 146.190.62.39	0040 2f 31 2e 31 0d 0a 48 6f 73 74 3a 20 68 74 74 70 /1.1 - Host: http
> Transmission Control Protocol, Src Port: 59241, Dst Port: 80, Seq: 1, Ack: 1, Len: 456	0050 66 6f 72 65 76 65 72 2e 63 6f 6d 0d 0a 43 6f 6e forever. com - Con
> Hypertext Transfer Protocol	0060 6e 65 63 74 69 6f 6e 3a 20 6b 65 65 70 2d 61 6c nection: keep-al
> GET / HTTP/1.1\r\n	0070 69 76 65 0d 0a 43 61 63 68 65 2d 43 6f 6e 74 72 ive. Cac he-Contr
Host: httpforever.com\r\n	0080 6f 6c 3a 20 6d 61 78 2d 61 67 65 3d 30 0d 0a 55 ol: max- age=0- U
Connection: keep-alive\r\n	0090 70 67 72 61 64 65 2d 49 6e 73 65 63 75 72 65 2d pgrade-I nsecure-
Cache-Control: max-age=0\r\n	00a0 52 65 71 75 65 73 74 73 3a 20 31 0d 0a 55 73 65 Requests : 1- Use
Upgrade-Insecure-Requests: 1\r\n	00b0 72 2d 41 67 65 6e 74 3a 20 4d 6f 7a 69 6c 6c 61 r-Agent: Mozilla
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/1	00c0 2f 35 2e 30 20 28 57 69 6e 64 6f 77 73 20 4e 54 /5.0 (Wi ndows NT
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=	00d0 20 31 30 2e 30 3b 20 57 69 6e 36 34 3b 20 78 36 10.0; W in64; x6
Accept-Encoding: gzip, deflate\r\n	00e0 34 29 20 41 70 70 6c 65 57 65 62 4b 69 74 2f 35 4) Apple WebKit/5
Accept-Language: en-US,en;q=0.9\r\n	00f0 33 37 2e 33 36 20 28 4b 48 54 4d 4c 2c 20 6c 69 37.36 (K HTML, 11
\r\n	0100 6b 65 20 47 65 63 6b 6f 29 20 43 68 72 6f 6d 65 ke Gecko ) Chrome
[Response in frame: 109]	0110 2f 31 33 38 2e 30 2e 30 2e 30 20 53 61 66 61 72 /138.0.0 .0 Safar
[Full request URI: http://httpforever.com/]	0120 69 2f 35 33 37 2e 33 36 0d 0a 41 63 63 65 70 74 i/537.36 -Accept
	0130 3a 20 74 65 78 74 2f 68 74 6d 6c 2c 61 70 70 6c : text/h tml,appl
	0140 69 63 61 74 69 6f 6e 2f 78 68 74 6d 6c 2b 78 6d ication/ xhtml+xml
	0150 6c 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 78 6d l,applic ation/xm
	0160 6c 3b 71 3d 30 2e 39 2c 69 6d 61 67 65 2f 61 76 l;q=0.9, image/av
	0170 69 66 2c 69 6d 61 67 65 2f 77 65 62 70 2c 69 6d if,image /webp,im
	0180 61 67 65 2f 61 70 6e 67 2c 2a 2f 2a 3b 71 3d 30 age/apng */*;q=0
	0190 2e 38 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 73 ,applic ation/s
	01a0 69 67 6e 65 64 2d 65 78 63 68 61 6e 67 65 3b 76 igned-ex change;v
	01b0 3d 62 33 3b 71 3d 30 2e 37 0d 0a 41 63 63 65 70 =b3;q=0. 7- Accep
	01c0 74 2d 45 6e 63 6f 64 69 6e 67 3a 20 67 7a 69 70 t-Encoding: gzip
	01d0 2c 20 64 65 66 6c 61 74 65 0d 0a 41 63 63 65 70 , deflat e- Accep
	01e0 74 2d 4c 61 6e 67 75 61 67 65 3a 20 65 6e 2d 55 t-Langua ge: en-U

This Hypertext Transfer Protocol (HTTP) response is given to the client by the server. The HTTP/1.1 304 Not Modified response line informs us that nothing has been changed about the requested resource since it was last downloaded. Nothing has been changed, and thus the server's response doesn't contain actual webpage material, and its body is blank. It tells the browser on the client to load the page in its local cache, conserving bandwidth and increasing speed.

Capturing from Wi-Fi					
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help					
http					
No.	Time	Source	Destination	Protocol	Length Info
91	2.889202	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
94	2.898984	10.100.203.89	146.190.62.39	HTTP	510 GET / HTTP/1.1
102	3.134488	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
109	3.144818	146.190.62.39	10.100.203.89	HTTP	1374 HTTP/1.1 200 OK (text/html)
111	3.187020	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
118	3.408426	10.100.203.89	146.190.62.39	HTTP	510 GET / HTTP/1.1
120	3.434670	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
127	3.647035	146.190.62.39	10.100.203.89	HTTP	1374 HTTP/1.1 200 OK (text/html)
628	19.957317	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
648	20.182454	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
682	20.585053	10.100.203.89	23.223.42.245	HTTP	165 GET /connecttest.txt HTTP/1.1
688	20.646029	23.223.42.245	10.100.203.89	HTTP	241 HTTP/1.1 200 OK (text/plain)
> Frame 94: 510 bytes on wire (4080 bits), 510 bytes captured (4080 bits) on interface \Device\NPF_{5668BA... > Ethernet II, Src: ChongqingFug_9ciac:f5 (a8:93:4a:9c:ac:f5), Dst: HuaweiTechno_90:a9:0b (c8:f6:ec:90:a9:0b) > Internet Protocol Version 4, Src: 10.100.203.89, Dst: 146.190.62.39 > Transmission Control Protocol, Src Port: 59241, Dst Port: 80, Seq: 1, Ack: 1, Len: 456 Source Port: 59241 Destination Port: 80 [Stream index: 8] [Stream Packet Number: 4] [Conversation completeness: Complete, WITH_DATA (63)] > TCP Segment Len: 456 Sequence Number: 1 (relative sequence number) Sequence Number (raw): 4091380044 [Next Sequence Number: 457 (relative sequence number)] Acknowledgment Number: 1 (relative ack number) Acknowledgment Number (raw): 3970398633 0101... = Header Length: 20 bytes (5) Flags: 0x018 (PSH, ACK) Window: 255 [Calculated window size: 65280] [Window size scaling factor: 256] Checksum: 0x9198 [unverified] [Checksum Status: Unverified] Urgent Pointer: 0 > [Timestamps] > [SEQ/ACK analysis] TCP payload (456 bytes) > Hypertext Transfer Protocol					
0000	c0 f6 ec 90 a9 0b a8 93 4a 9c ac f5 08 00 45 00	..... J.....E.....			
0010	01 f0 51 80 40 00 00 06 00 e5 0a 64 cb 59 92 be	. Q @ . . . . d Y . . .			
0020	3e 27 07 69 00 50 f3 dd 81 4c ec a7 79 a9 50 18	> ' i P . . . L . y . P .			
0030	00 ff 91 98 00 00 47 45 54 20 2f 20 48 54 54 50	..... GE T / HTTP			
0040	2f 31 2e 31 0d 0a 48 6f 73 74 3a 20 68 74 74 70	/1.1..Ho st: http			
0050	66 6f 72 65 76 65 72 2e 63 6f 6d 00 0a 43 6f 6e	forever. com .Con			
0060	6e 65 63 74 69 6f 6e 3a 20 6b 65 65 70 2d 61 6c	nection: keep-al			
0070	69 76 65 0d 0a 43 61 63 68 65 2d 43 6f 6e 74 72	ive: Cac he-Contr			
0080	6f 6c 3a 20 6d 61 78 2d 61 67 65 3d 30 0d 0a 55	ol: max- age=0..U			
0090	70 67 72 61 64 65 2d 49 6e 73 65 63 75 72 65 2d	pgrade-I nsecure-			
00a0	52 65 71 75 65 73 74 73 3a 20 31 0d 0a 55 73 65	Requests : 1-Use			
00b0	72 2d 41 67 65 6e 74 3a 20 4d 6f 7a 69 6c 6c 61	n-Agent: Mozilla			
00c0	2f 35 2e 30 20 28 57 69 6e 64 6f 77 73 20 4e 54	/5.0 (Wi ndows NT			
00d0	20 31 30 2e 30 3b 20 57 69 6e 36 34 3b 20 78 36	10.0; W in64; x6			
00e0	34 29 20 41 70 70 6c 65 57 65 62 4b 69 74 2f 35	4) Apple WebKit/5			
00f0	33 37 2e 33 36 20 28 4b 48 54 4d 4c 2c 20 6c 69	37.36 (K HTML, i			
0100	6b 65 20 47 65 63 6b 6f 29 20 43 68 72 6f 6d 65	ke Gecko ) Chrome			
0110	2f 31 33 38 2e 30 2e 30 2e 30 20 53 61 66 61 72	/138.0.0 .0 Safar			
0120	69 2f 35 33 37 2e 33 36 0d 0a 11 63 63 65 70 70	i/537.56 .Accept			
0130	28 20 74 65 72 74 2f 68 74 6d 6c 2c 61 70 70 64	t;text/html,appl			
0140	69 63 61 74 69 6f 6e 2f 78 68 74 6d 6c 2b 78 6d	ication/ xhtml+xml			
0150	6c 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 78 6d	l,applic ation/xml			
0160	6c 3b 71 3d 30 2e 39 2c 69 6d 61 67 65 2f 61 70	li;q=0.9, image/av			
0170	69 66 2c 69 6d 61 67 65 2f 77 65 62 70 7c 69 6d	if,image /webp,m			
0180	61 67 65 2f 61 70 6e 67 2c 2a 2f 2a 3b 71 3d 30	age/apng > */;as			
0190	2e 38 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 73	b,applic ation/s			
01a0	69 67 6e 65 64 2d 65 78 63 68 61 6e 67 65 3b 70	igned-ex change/v			
01b0	61 67 23 2b 71 3d 30 2c 37 0d 0a 41 63 63 65 70	23;gzip,2dAccep			
01c0	74 2d 45 6e 63 6f 64 69 6e 67 3a 20 67 7a 69 70	t-encodi ng: grip			
01d0	2c 20 64 65 66 6c 61 74 65 0d 0a 41 63 63 65 70	, deflat e-Accep			
01e0	74 2d 4c 61 6e 67 75 61 67 65 3a 20 65 6e 2d 55	t-Langua ge: en-U			
01f0	53 2c 65 6e 3b 71 3d 30 2e 39 0d 0a 0d 0a	S,en;q=0 .9....			

The server's 304 Not Modified response is being carried in the Transmission Control Protocol (TCP) segment. The direction of communication is determined by port numbers: the Destination Port is 80 (the standard port of the HTTP server), and the Source Port is 59241 (the port that the client is contacting for the request). The ACK (Acknowledgment) bit is set, which is a response to the original HTTP GET request sent by the client.



http					
No.	Time	Source	Destination	Protocol	Length Info
91	2.889202	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
94	2.898984	10.100.203.89	146.190.62.39	HTTP	510 GET / HTTP/1.1
102	3.134488	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
109	3.144818	146.190.62.39	10.100.203.89	HTTP	1374 HTTP/1.1 200 OK (text/html)
111	3.187020	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
118	3.408426	10.100.203.89	146.190.62.39	HTTP	510 GET / HTTP/1.1
120	3.434670	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
127	3.647035	146.190.62.39	10.100.203.89	HTTP	1374 HTTP/1.1 200 OK (text/html)
628	19.957317	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
648	20.182454	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
682	20.585053	10.100.203.89	23.223.42.245	HTTP	165 GET /connecttest.txt HTTP/1.1
688	20.646029	23.223.42.245	10.100.203.89	HTTP	241 HTTP/1.1 200 OK (text/plain)
750	22.397669	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1
752	22.838013	146.190.62.39	10.100.203.89	HTTP	803 HTTP/1.1 304 Not Modified
804	25.205775	10.100.203.89	146.190.62.39	HTTP	594 GET / HTTP/1.1

> Frame 94: 510 bytes on wire (4080 bits), 510 bytes captured (4080 bits) on interface \\Device\\NPF_{5668A8...}	0000 c0 f6 ec 90 a9 0b 30 30 4c 9c ac f5 00 00 45 00	.....E
> Ethernet II, Src: ChongqingFug_9c:ac:f5 (a8:93:4a:9c:ac:f5), Dst: HuaweiTechno_90:a9:0b (c0:f6:ec:90:a9:0b)	0010 01 f0 51 80 40 00 80 06 00 e5 0a 64 cb 59 92 be	..Q@.....dY..
> Internet Protocol Version 4, Src: 10.100.203.89, Dst: 146.190.62.39	0020 3e 27 e7 69 00 50 f3 dd 81 4c ec a7 79 a9 50 18	> .i.P...L.y.P.
0100 .... = Version: 4	0030 00 ff 91 98 00 00 47 45 54 20 2f 20 48 54 54 50	.....GE T / HTTP
.... 0101 = Header Length: 20 bytes (5)	0040 2f 31 2e 31 0d 0a 48 6f 73 74 3a 20 68 74 74 70	/1.1..Ho st: http
> Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)	0050 66 6f 72 65 76 65 72 2e 63 6f 6d 0a 43 6f 6e	forever..com-Con
Total Length: 496	0060 6e 65 63 74 69 6f 6e 3a 20 6b 65 65 70 2d 61 6c	nection: keep-al
Identification: 0x5100 (20864)	0070 69 76 65 0d 0a 43 61 63 68 65 2d 43 6f 6e 74 72	ive: Cac he-Contr
> 0101 .... = Flags: 0x2, Don't Fragment	0080 6f 6c 3a 20 6d 61 78 2d 61 67 65 3d 30 0d 0a 55	ol: max- agen0 .U
...0 0000 0000 0000 = Fragment Offset: 0	0090 70 67 72 61 64 65 2d 40 6e 73 65 63 75 72 65 2d	pgrade: I nssecure
Time to Live: 128	00a0 52 65 71 75 65 73 74 73 3a 20 31 0d 0a 55 73 65	Requests : 1-Use
Protocol: TCP (6)	00b0 72 2d 41 67 65 6e 74 3a 20 4d 6f 7a 69 6c 6c 61	r-Agent: Mozilla
Header Checksum: 0x00e5 [validation disabled]	00c0 2f 35 2e 30 20 28 57 69 6e 64 6f 77 73 20 4e 54	/5.0 (Wi ndows NT
[Header checksum status: Unverified]	00d0 20 31 30 2e 30 3b 20 57 69 6e 36 3a 3b 20 78 36	10.0; W in64; x6
Source Address: 10.100.203.89	00e0 34 29 20 41 70 70 6c 65 57 65 62 4b 69 74 2f 35	4) Apple WebKit/5
Destination Address: 146.190.62.39	00f0 33 37 2e 33 36 20 28 4b 48 54 4d 4c 2c 20 6c 69	37.36 (K HTML, 11
[Stream index: 26]	0100 6b 65 20 47 65 63 6b 6f 29 20 43 68 72 6f 6d 65	ke Gecko ) Chrome
> Transmission Control Protocol, Src Port: 59241, Dst Port: 80, Seq: 1, Ack: 1, Len: 456	0110 2f 31 33 38 2e 30 2e 30 2e 30 20 53 61 66 61 72	/138.0.0 .0 Safar
> Hypertext Transfer Protocol	0120 69 2f 35 33 37 2e 33 36 0d 0a 41 63 63 65 70 74	i/537.36 -Accept
	0130 3a 20 74 65 78 74 2f 68 74 6d 6c 2c 61 70 70 6c	: text/h tml,appl
	0140 69 63 61 74 69 6f 6e 2f 78 68 74 6d 6c 2b 78 6d	ication/ xhtml+xm
	0150 6c 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 78 6d	l,applic ation/xm
	0160 6c 3b 71 3d 3b 2e 39 2c 69 6d 61 67 65 2f 61 76	l;q=0.9, image/av
	0170 69 66 2c 69 6d 61 67 65 2f 77 65 62 70 2c 69 6d	if,image /webp,im
	0180 61 67 65 2f 61 70 6e 67 2c 2a 2f 2a 3b 71 3d 30	age/apng /*;i=q=0
	0190 2e 38 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 73	.8,appli cation/s
	01a0 69 67 6e 65 64 2d 65 78 63 68 61 6e 67 65 3b 76	igned-ex change;v
	01b0 3d 62 33 3b 71 3d 30 2e 37 0d 0a 41 63 63 65 70	-83;q=0.7 -Accep
	01c0 74 2d 45 6e 63 6f 64 69 6e 67 3a 20 67 7a 69 70	t-Encodi ng: gzip

The IPv4 packet of the response is in the reverse direction of traffic. The Source IP is the server IP (146.190.62.39), and the Destination is the client IP (10.100.203.89). IPv4 sends this response packet from the server via the internet to the client. The protocol field is a reflection of the information to be a TCP segment of it.

Wireshark

File Edit View Go Capture Analyze Statistics Telephony Tools Help

Wireshark

File Edit View Go Capture Analyze Statistics Telephony Tools Help

Wireshark

File Edit View Go Capture Analyze Statistics Telephony Tools Help

http

No. Time Source Destination Protocol Length Info

91 2.889202 10.100.203.89 146.190.62.39 HTTP 594 GET / HTTP/1.1

94 2.898984 10.100.203.89 146.190.62.39 HTTP 510 GET / HTTP/1.1

102 3.134488 146.190.62.39 10.100.203.89 HTTP 803 HTTP/1.1 304 Not Modified

109 3.144818 146.190.62.39 10.100.203.89 HTTP 1374 HTTP/1.1 200 OK (text/html)

111 3.187020 10.100.203.89 146.190.62.39 HTTP 594 GET / HTTP/1.1

118 3.408426 10.100.203.89 146.190.62.39 HTTP 510 GET / HTTP/1.1

120 3.434670 146.190.62.39 10.100.203.89 HTTP 803 HTTP/1.1 304 Not Modified

127 3.647035 146.190.62.39 10.100.203.89 HTTP 1374 HTTP/1.1 200 OK (text/html)

628 19.957317 10.100.203.89 146.190.62.39 HTTP 594 GET / HTTP/1.1

648 20.182454 146.190.62.39 10.100.203.89 HTTP 803 HTTP/1.1 304 Not Modified

682 20.585053 10.100.203.89 23.223.42.245 HTTP 165 GET /connecttest.txt HTTP/1.1

688 20.646029 23.223.42.245 10.100.203.89 HTTP 241 HTTP/1.1 200 OK (text/plain)

750 22.397669 10.100.203.89 146.190.62.39 HTTP 594 GET / HTTP/1.1

752 22.838013 146.190.62.39 10.100.203.89 HTTP 803 HTTP/1.1 304 Not Modified

804 25.205775 10.100.203.89 146.190.62.39 HTTP 594 GET / HTTP/1.1

816 25.444125 146.190.62.39 10.100.203.89 HTTP 803 HTTP/1.1 304 Not Modified

924 27.448388 10.100.203.89 146.190.62.39 HTTP 594 GET / HTTP/1.1

954 27.687703 146.190.62.39 10.100.203.89 HTTP 803 HTTP/1.1 304 Not Modified

1317 30.077812 10.100.203.89 146.190.62.39 HTTP 594 GET / HTTP/1.1

1333 30.336617 146.190.62.39 10.100.203.89 HTTP 803 HTTP/1.1 304 Not Modified

1400 32.402157 10.100.203.89 146.190.62.39 HTTP 594 GET / HTTP/1.1

1415 32.734366 146.190.62.39 10.100.203.89 HTTP 803 HTTP/1.1 304 Not Modified

1512 35.530170 10.100.203.89 146.190.62.39 HTTP 594 GET / HTTP/1.1

Frame 94: 510 bytes on wire (4080 bits), 510 bytes captured (4080 bits) on interface \Device\NPF... (556BAE...)

Ethernet II, Src: ChongqingFug\_9c:ac:f5 (a8:93:4a:9c:ac:f5), Dst: HuaweiTechno\_90:a9:0b (c0:f6:ec:90:a9:0b)

Destination: HuaweiTechno\_90:a9:0b (c0:f6:ec:90:a9:0b)

Source: ChongqingFug\_9c:ac:f5 (a8:93:4a:9c:ac:f5)

Type: IPv4 (0x0800)

[Stream index: 0]

Internet Protocol Version 4, Src: 10.100.203.89, Dst: 146.190.62.39

Transmission Control Protocol, Src Port: 59241, Dst Port: 80, Seq: 1, Ack: 1, Len: 456

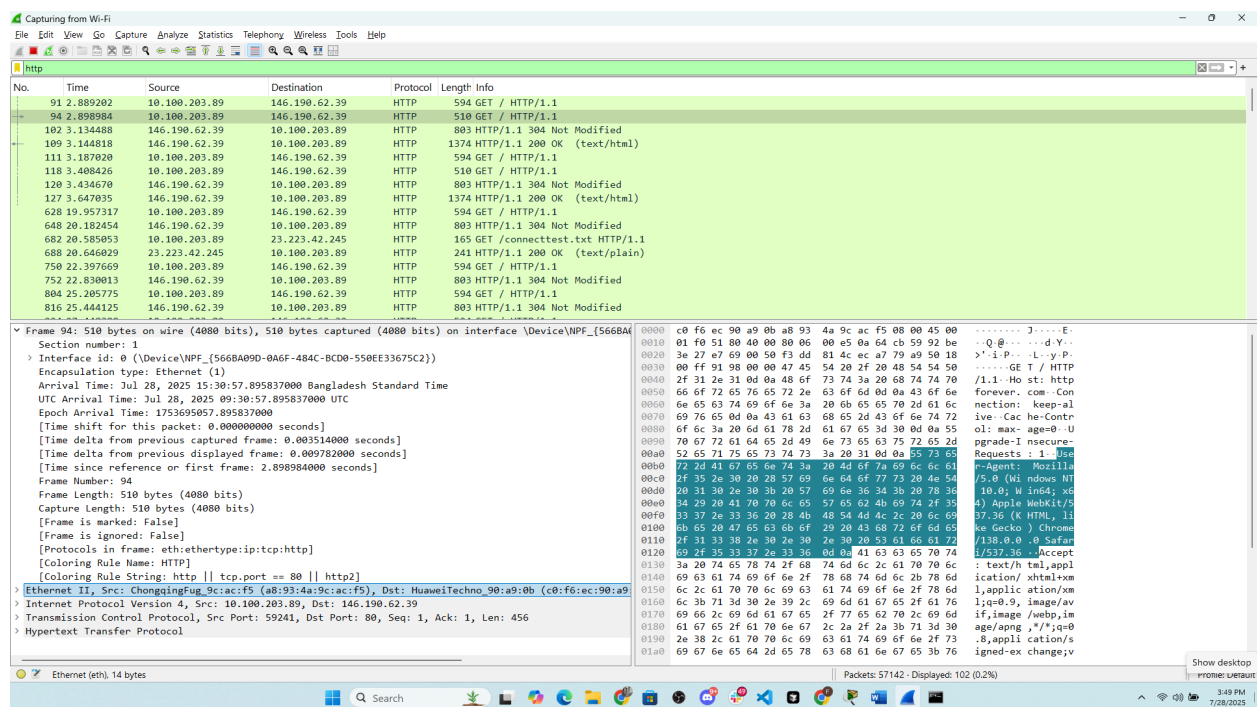
Hypertext Transfer Protocol

Ethernet (eth), 14 bytes

Packets: 55429 - Displayed: 98 (0.2%)

Show desktop Chrome: chrome:chrome

This specified content of the Ethernet II frame of the request packet from the client (Frame 91). Operating at the data link level, Ethernet has to transmit data from one to another machine within a similar local network segment. The extended header specifies the Destination MAC address (c8:ff:ac:9b:a5:db), the hardware address for the local router or gateway, and the Source MAC address (a0:91:c8:9c:ac:f5), the hardware address for the client machine. The type field (IPv4) indicates data carried inside this frame to be an IPv4 packet.



This includes frame-level information of the server response packet (Frame 94). That bears no relation to any protocol but is some metadata added by the Wireshark capture process. We can see it informs us to be Frame Number 94 in capture order and defines 510 bytes as Total Frame Length in wire. There also arrives some Arrival Time timestamp when captured, and it also verifies the encapsulation as Ethernet.