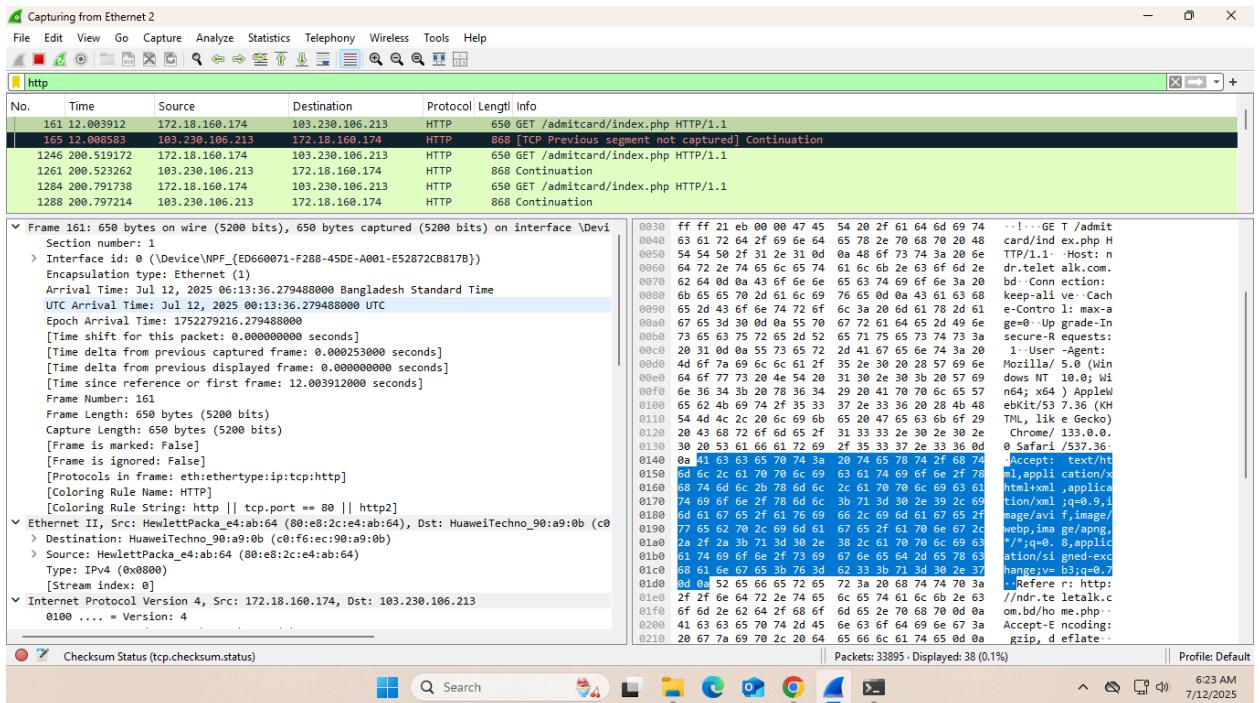
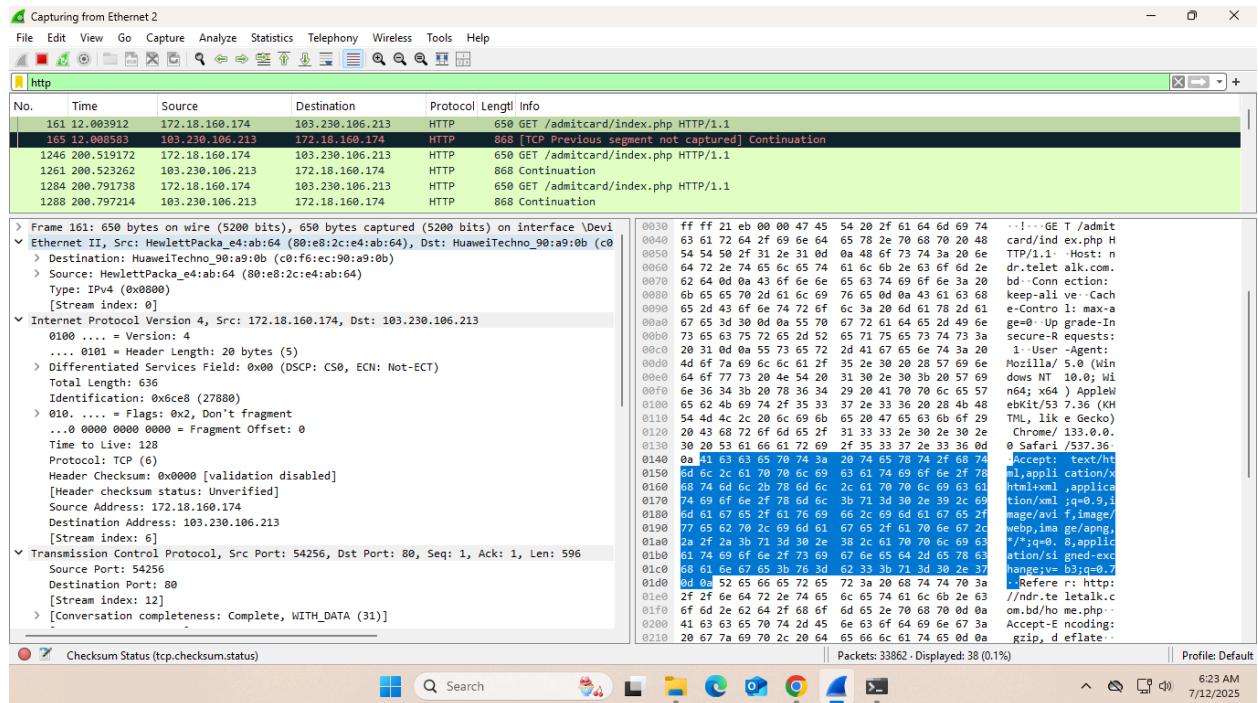


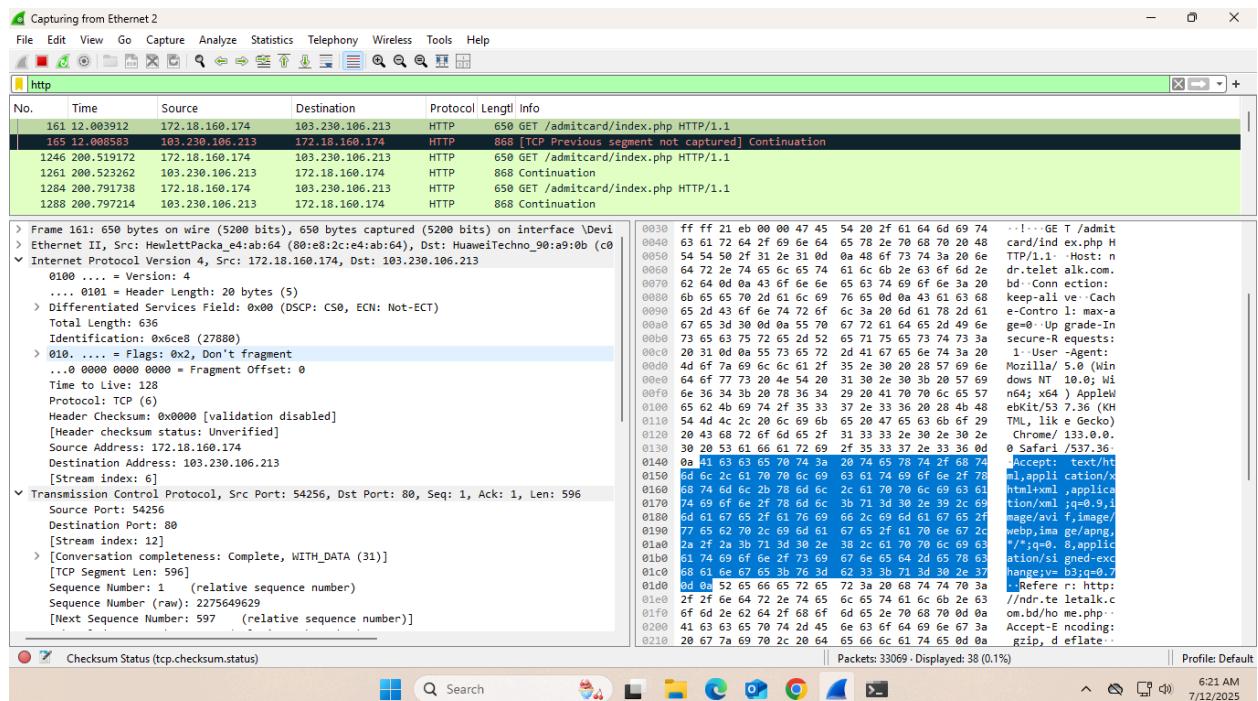
## HTTP Request:



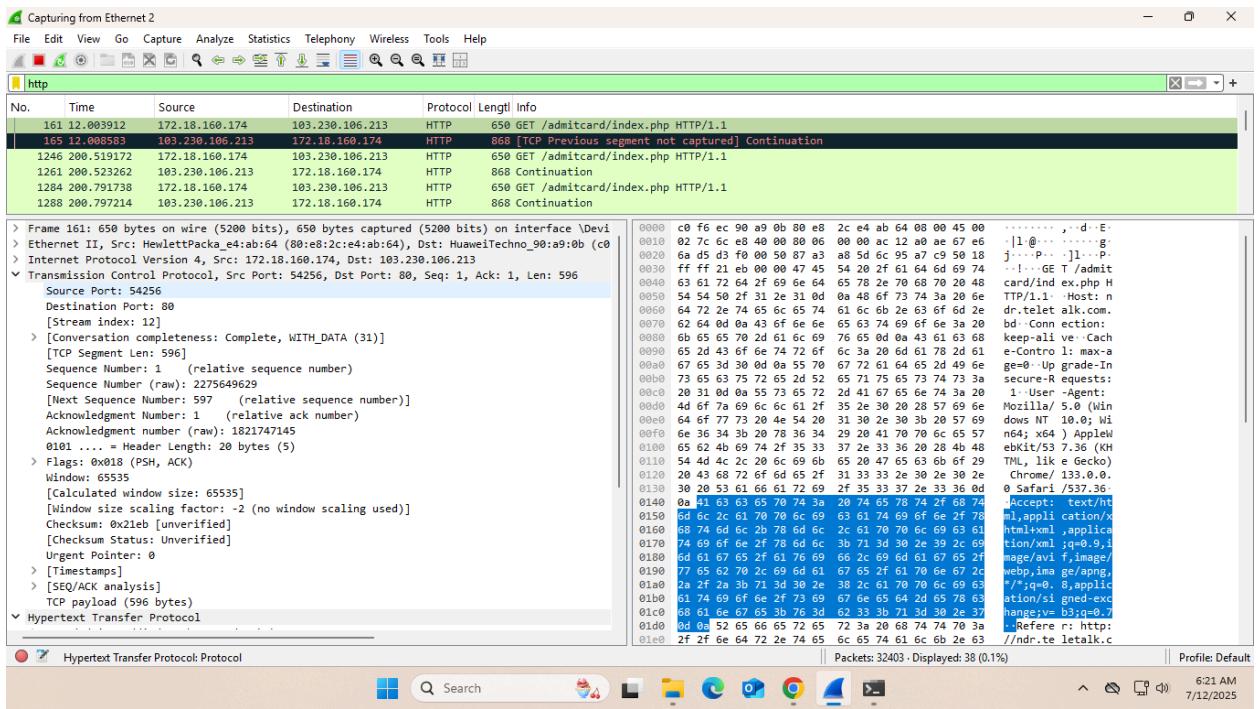
Here, in frame details we can see an Ethernet packet containing an HTTP request, arriving on the specified interface at a precise timestamp. The packet follows the protocols Ethernet, IP, TCP, and HTTP, with a coloring rule applied for HTTP traffic.



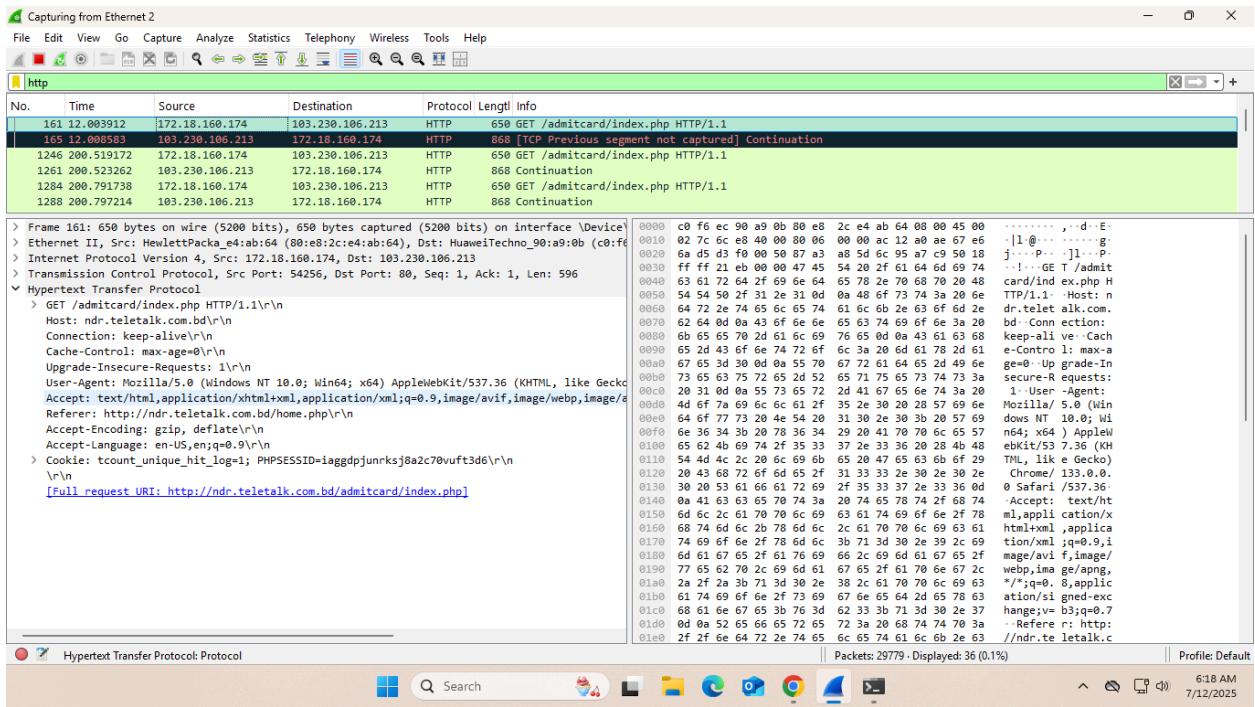
This Ethernet frame encapsulates an IPv4 packet, sent from the source MAC address 80:e8:2c:e4:ab:64 to the destination MAC address c0:f6:ec:90:a9:0b. The Ethertype field indicates the payload is an IPv4 packet (0x0800).



This is an IPv4 header for a packet with a total length of 636 bytes, containing a TCP segment. The packet is sent from 103.230.106.213 with a TTL of 128 and is set not to be fragmented.



This TCP segment is part of an HTTP request, carrying 596 bytes of data from the client (source port 54256) to the server (destination port 80). It includes sequence and acknowledgment numbers.



This HTTP request is checking if a cached version of a file from the server is still valid. The client uses these to determine if it needs to download a new version of the file.

## HTTP Response:

Capturing from Ethernet 2

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http

No.	Time	Source	Destination	Protocol	Lengt	Info
161	12.003912	172.18.160.174	103.230.106.213	HTTP	650	GET /admitcard/index.php HTTP/1.1
165	12.008583	103.230.106.213	172.18.160.174	HTTP	868	[TCP Previous segment not captured] Continuation
1246	200.519172	172.18.160.174	103.230.106.213	HTTP	650	GET /admitcard/index.php HTTP/1.1
1261	200.523262	103.230.106.213	172.18.160.174	HTTP	868	Continuation
1284	200.791738	172.18.160.174	103.230.106.213	HTTP	650	GET /admitcard/index.php HTTP/1.1
1288	200.797214	103.230.106.213	172.18.160.174	HTTP	868	Continuation

Frame 165: 868 bytes on wire (6944 bits), 868 bytes captured (6944 bits) on interface \Device\NPF\_{ED660071-F28B-45DE-A001-E52872C8B17B}

Section number: 1

> Interface id: 0 (\Device\NPF\_{ED660071-F28B-45DE-A001-E52872C8B17B})

Encapsulation type: Ethernet (1)

Arrival Time: Jul 12, 2025 06:13:36.284159000 Bangladesh Standard Time

UTC Arrival Time: Jul 12, 2025 08:13:36.284159000 UTC

Epoch Arrival Time: 1752279216.284159000

[Time shift for this packet: 0.000000000 seconds]

[Time delta from previous captured frame: 0.001952000 seconds]

[Time delta from previous displayed frame: 0.004671000 seconds]

[Time since reference or first frame: 12.008583000 seconds]

Frame Number: 165

Frame Length: 868 bytes (6944 bits)

Capture Length: 868 bytes (6944 bits)

[Frame is marked: False]

[Frame is ignored: False]

[Protocols in frame: ethertype:ip:tcp:http:data]

[Coloring Rule Name: Bad TCP]

[Coloring Rule String: tcp.analysis.flags & !tcp.analysis.window\_update & !tcp.analysis.k]

> Ethernet II, Src: HuaweiTechno\_90:a9:b0 (c0:f6:ec:90:a9:b0), Dst: HewlettPacka\_e4:ab:64 (80:ef)

> Internet Protocol Version 4, Src: 103.230.106.213, Dst: 172.18.160.174

> Transmission Control Protocol, Src Port: 80, Dst Port: 54256, Seq: 1461, Ack: 597, Len: 814

> Hypertext Transfer Protocol

```

0030 12 f8 14 86 00 00 39 f4 3d c8 65 59 08 19 79 1a .....9. =eY.y.
0040 4f 60 3b 8c 08 0f 2b 1a 71 fa 12 12 35 44 b9 0';L.+|q..50.
0050 e7 9a ef f9 8b 18 67 88 86 3d 67 0e be 01 b2 .....g...g...
0060 77 8e 67 50 08 a4 2f 50 9c 4c 05 7c 8b 84 84 80 wgpP-/P-L|...
0070 8f 03 ed bf 7b 0e e5 21 b9 49 98 98 c3 dc f7 f8 .....{! I...
0080 d3 68 58 1f c4 8a 20 0f d9 18 65 4a d9 68 c1 d3 hx... .eJ...
0090 db 94 ea f0 9e 00 fb f7 9c 7f d4 b9 27 48 f7 ee .....@...
0100 f3 4b 86 9f 5d 2d bb c4 ec db b4 b9 e9 08 d6 08 K.... ...
0110 37 22 52 59 7b db 2d 57 58 83 78 73 b7 9f 7d cf 7"RY(-W X xs: )...
0120 54 32 29 85 15 08 70 60 e0 ad ad 1c a0 4a 4d T2).p...JM
0130 e5 c5 d5 e5 d9 49 38 9f 8d b1 f9 58 c3 33 44 .....IB ...X 3N
0140 16 19 28 02 63 ec 53 92 f0 ce c1 36 20 e9 ba 32 ..( c S...6..2
0150 00 7d e6 10 0a cc 84 35 74 70 78 79 7d 97 7d 3 q.y...TA...
0160 8f 03 ed bf 7b 0e e5 21 b9 49 98 98 c3 dc f7 f8 m.....m...t
0170 9c 47 24 a5 cc 8a 9d e0 83 f4 ad 3c 95 a1 e1 31 97 12 ...$... -NWG.G...
0180 da 21 ba 41 0c 08 0d 08 8e 6b 52 67 4e 96 a1 31 ec 13 96 ! A... .i...
0190 bd 02 56 29 0f 96 a1 31 97 12 58 98 77 5b 99 66 ..)....(1.1
0200 32 6b 33 77 97 92 43 08 0d 26 51 9c 9d 9c blk\wg ] B-/Q...
0210 43 6b 33 77 97 92 43 08 0d 26 51 9c 9d 9c blk\wg ] B-/Q...
0220 48 43 dd 5b 8a 49 51 42 e9 9c 2a 0b 51 09 6d HC [ -I Q B-* Q m
0230 20 f3 ff 33 5b 65 a5 95 96 29 7b 76 d4 63 b9 a2 ..( c S...6..2
0240 b9 46 e6 c9 f3 92 39 3f f3 3d 79 f9 78 97 7d ..F... ?-y x...
0250 3c 30 1f 74 96 ab 7b 57 3b d1 c4 b4 74 c8 df <0 t... (W ; N t...
0260 ab 0e 6c 70 76 75 65 1c 58 3e 26 78 84 b6 eb 0d lpvue Xo...
0270 a4 b9 53 4a 9c b0 la fb ff 90 a2 86 95 98 94 ab SJ... ...
0280 bf 12 fa fa a9 51 9b 67 4c 20 1d b3 69 d4 ab .....Q. gl...i...
0290 e8 93 f2 e7 44 09 de ee 64 61 24 fd 56 30 65 .....J. ds$ vbe
0300 e3 1b 0c 8c 9c fb 9b b5 5a 1c 33 b9 7b 0b d2 55 .....Z.3. {-U
0310 3a 36 eb e5 3c 9e 1e 5a 07 67 36 31 85 d6 1d e1 :6-<-Z g61...
0320 76 13 2b 02 e9 a5 56 45 f2 90 c6 c7 ef 97 c0 e4 v+-->VE

```

Checksum Status (tcp.checksum.status)

Profile: Default

6:25 AM 7/12/2025

This network capture frame logs an Ethernet packet with an HTTP request, including timestamps, frame size, and protocol details, arriving on the specified interface.

Capturing from Ethernet 2

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http

No.	Time	Source	Destination	Protocol	Lengt	Info
161	12.003912	172.18.160.174	103.230.106.213	HTTP	650	GET /admitcard/index.php HTTP/1.1
165	12.008583	103.230.106.213	172.18.160.174	HTTP	868	[TCP Previous segment not captured] Continuation
1246	200.519172	172.18.160.174	103.230.106.213	HTTP	650	GET /admitcard/index.php HTTP/1.1
1261	200.523262	103.230.106.213	172.18.160.174	HTTP	868	Continuation
1284	200.791738	172.18.160.174	103.230.106.213	HTTP	650	GET /admitcard/index.php HTTP/1.1
1288	200.797214	103.230.106.213	172.18.160.174	HTTP	868	Continuation

Frame 165: 868 bytes on wire (6944 bits), 868 bytes captured (6944 bits) on interface \Device\NPF\_{ED660071-F28B-45DE-A001-E52872C8B17B}

Section number: 1

> Ethernet II, Src: HuaweiTechno\_90:a9:b0 (c0:f6:ec:90:a9:b0), Dst: HewlettPacka\_e4:ab:64 (80:ef)

> Destination: HewlettPacka\_e4:ab:64 (80:ef:8:2:c4:e4:ab:64)

> Source: HuaweiTechno\_90:a9:b0 (c0:f6:ec:90:a9:b0)

Type: IPv4 (0x0800)

[Stream index: 0]

> Internet Protocol Version 4, Src: 103.230.106.213, Dst: 172.18.160.174

> Transmission Control Protocol, Src Port: 80, Dst Port: 54256, Seq: 1461, Ack: 597, Len: 814

> Hypertext Transfer Protocol

```

0030 12 f8 14 86 00 00 39 f4 3d c8 65 59 08 19 79 1a .....9. =eY.y.
0040 4f 60 3b 8c 08 0f 2b 1a 71 fa 12 12 35 44 b9 0';L.+|q..50.
0050 e7 9a ef f9 8b 18 67 88 86 3d 67 0e be 01 b2 .....g...g...
0060 77 8e 67 50 08 a4 2f 50 9c 4c 05 7c 8b 84 84 80 wgpP-/P-L|...
0070 8f 03 ed bf 7b 0e e5 21 b9 49 98 98 c3 dc f7 f8 .....{! I...
0080 d3 68 58 1f c4 8a 20 0f d9 18 65 4a d9 68 c1 d3 hx... .eJ...
0090 db 94 ea f0 9e 00 fb f7 9c 7f d4 b9 27 48 f7 ee .....@...
0100 f3 4b 86 9f 5d 2d bb c4 ec db b4 b9 e9 08 d6 08 K.... ...
0110 37 22 52 59 7b db 2d 57 58 83 78 73 b7 9f 7d cf 7"RY(-W X xs: )...
0120 54 32 29 85 15 08 70 60 e0 ad ad 1c a0 4a 4d T2).p...JM
0130 e5 c5 d5 e5 d9 49 38 9f 8d b1 f9 58 c3 33 44 .....IB ...X 3N
0140 16 19 28 02 63 ec 53 92 f0 ce c1 36 20 e9 ba 32 ..( c S...6..2
0150 00 7d e6 10 0a cc 84 35 74 70 78 79 7d 97 7d 3 q.y...TA...
0160 8f 03 ed bf 7b 0e e5 21 b9 49 98 98 c3 dc f7 f8 m.....m...t
0170 9c 47 24 a5 cc 8a 9d e0 83 f4 ad 3c 95 a1 e1 31 97 12 ...$... -NWG.G...
0180 da 21 ba 41 0c 08 0d 08 8e 6b 52 67 4e 96 a1 31 ec 13 96 ! A... .i...
0190 bd 02 56 29 0f 96 a1 31 97 12 58 98 77 5b 99 66 ..)....(1.1
0200 32 6b 33 77 97 92 43 08 0d 26 51 9c 9d 9c blk\wg ] B-/Q...
0210 43 6b 33 77 97 92 43 08 0d 26 51 9c 9d 9c blk\wg ] B-/Q...
0220 48 43 dd 5b 8a 49 51 42 e9 9c 2a 0b 51 09 6d HC [ -I Q B-* Q m
0230 20 f3 ff 33 5b 65 a5 95 96 29 7b 76 d4 63 b9 a2 ..( c S...6..2
0240 b9 46 e6 c9 f3 92 39 3f f3 3d 79 f9 78 97 7d ..F... ?-y x...
0250 3c 30 1f 74 96 ab 7b 57 3b d1 c4 b4 74 c8 df <0 t... (W ; N t...
0260 ab 0e 6c 70 76 75 65 1c 58 3e 26 78 84 b6 eb 0d lpvue Xo...
0270 a4 b9 53 4a 9c b0 la fb ff 90 a2 86 95 98 94 ab SJ... ...
0280 bf 12 fa fa a9 51 9b 67 4c 20 1d b3 69 d4 ab .....Q. gl...i...
0290 e8 93 f2 e7 44 09 de ee 64 61 24 fd 56 30 65 .....J. ds$ vbe
0300 e3 1b 0c 8c 9c fb 9b b5 5a 1c 33 b9 7b 0b d2 55 .....Z.3. {-U
0310 3a 36 eb e5 3c 9e 1e 5a 07 67 36 31 85 d6 1d e1 :6-<-Z g61...
0320 76 13 2b 02 e9 a5 56 45 f2 90 c6 c7 ef 97 c0 e4 v+-->VE

```

Checksum Status (tcp.checksum.status)

Profile: Default

6:25 AM 7/12/2025

This network capture frame logs an Ethernet packet with an HTTP request, including timestamps, frame size, and protocol details, arriving on the specified interface.

Capturing from Ethernet 2

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http

No.	Time	Source	Destination	Protocol	Lengt  Info
161	12.003912	172.18.160.174	103.230.106.213	HTTP	650 GET /admitcard/index.php HTTP/1.1
165	12.000583	103.230.106.213	172.18.160.174	HTTP	868 [TCP Previous segment not captured] Continuation
1246	200.519172	172.18.160.174	103.230.106.213	HTTP	650 GET /admitcard/index.php HTTP/1.1
1261	200.523262	103.230.106.213	172.18.160.174	HTTP	868 Continuation
1284	200.791738	172.18.160.174	103.230.106.213	HTTP	650 GET /admitcard/index.php HTTP/1.1
1288	200.797214	103.230.106.213	172.18.160.174	HTTP	868 Continuation

```

> Frame 165: 868 bytes on wire (6944 bits), 868 bytes captured (6944 bits) on interface \Device\NPF_{...}
> Ethernet II, Src: HuaweiTechno_90:a9:0b (c0:f6:ec:90:a9:0b), Dst: HewlettPacka_e4:ab:64 (00:ed:...)
> Internet Protocol Version 4, Src: 103.230.106.213, Dst: 172.18.160.174
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
> Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 854
> Identification: 0x0f62 (3938)
> Identification: 0x0f62 (3938)
> Flags: 0x2, Don't fragment
  ... 0 0000 0000 0000 = Fragment Offset: 0
  Time to Live: 244
  Protocol: TCP (6)
  Header Checksum: 0x54c3 [validation disabled]
    [Header checksum status: Unverified]
  Source Address: 103.230.106.213
  Destination Address: 172.18.160.174
  [Stream index: 6]
> Transmission Control Protocol, Src Port: 80, Dst Port: 54256, Seq: 1461, Ack: 597, Len: 814
> Hypertext Transfer Protocol

```

Checksum Status (tcp.checksum.status)

Packets: 35430 - Displayed: 42 (0.1%) || Profile: Default

6:25 AM 7/12/2025

Ipv4 header for a packet with TCP protocol.

Capturing from Ethernet 2

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http

No.	Time	Source	Destination	Protocol	Lengt  Info
161	12.003912	172.18.160.174	103.230.106.213	HTTP	650 GET /admitcard/index.php HTTP/1.1
165	12.000583	103.230.106.213	172.18.160.174	HTTP	868 [TCP Previous segment not captured] Continuation
1246	200.519172	172.18.160.174	103.230.106.213	HTTP	650 GET /admitcard/index.php HTTP/1.1
1261	200.523262	103.230.106.213	172.18.160.174	HTTP	868 Continuation
1284	200.791738	172.18.160.174	103.230.106.213	HTTP	650 GET /admitcard/index.php HTTP/1.1
1288	200.797214	103.230.106.213	172.18.160.174	HTTP	868 Continuation

```

Source Address: 103.230.106.213
Destination Address: 172.18.160.174
[Stream index: 6]
> Transmission Control Protocol, Src Port: 80, Dst Port: 54256, Seq: 1461, Ack: 597, Len: 814
  Source Port: 80
  Destination Port: 54256
  [Stream index: 12]
> [Conversation completeness: Complete, WITH_DATA (31)]
  [TCP Segment Len: 814]
  Sequence Number: 1461 (relative sequence number)
  Sequence Number (raw): 1821748605
  [Next Sequence Number: 2275 (relative sequence number)]
  Acknowledgment Number: 597 (relative ack number)
  Acknowledgment number (raw): 2275659225
  0101 .... = Header Length: 20 bytes (5)
> Flags: 0x018 (PSH, ACK)
  Window: 4856
  [Calculated window size: 4856]
  [Window size scaling factor: -2 (no window scaling used)]
  Checksum: 0x1486 [unverified]
  [Checksum Status: Unverified]
> Hypertext Transfer Protocol

```

Checksum Status (tcp.checksum.status)

Packets: 35477 - Displayed: 42 (0.1%) || Profile: Default

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This TCP segment represents data being sent from port 80 (source) to port 54256(destination), acknowledging sequence number 1461 and carrying 814 bytes of payload data.

