



Mondie

Alhousainan

## Wireshark Lab 3 - TCP

IT 520-A – Enterprise Infrastructure & Networks  
Due Date: 09/24/18 (Handed in at the beginning of class)

### Instructions:

- Start up your web browser. Go the <http://gaia.cs.umass.edu/wireshark-labs/alice.txt> and retrieve an ASCII copy of *Alice in Wonderland*. Save this file somewhere on your computer.
- Next go to <http://gaia.cs.umass.edu/wireshark-labs/TCP-wireshark-file1.html>.
- Use the *Browse* button in this form to enter the name of the file (full path name) on your computer containing *Alice in Wonderland* (or do so manually). Don't yet press the "Upload *alice.txt* file" button.
- Now start up Wireshark and begin packet capture (*Capture->Start*) and then press *OK* on the Wireshark Packet Capture Options screen (we'll not need to select any options here).
- Returning to your browser, press the "Upload *alice.txt* file" button to upload the file to the [gaia.cs.umass.edu](http://gaia.cs.umass.edu) server. Once the file has been uploaded, a short congratulations message will be displayed in your browser window.
- Stop Wireshark packet capture and filter tcp packets.
- Pay attention to the SYN ACK packets.
- Include a terminal screenshot showing computer IP address on the front page before Question 1, and a full PRINT of the HTTP OK message as the last page. Labs will NOT be graded if either of these two is missing. (You can refer to Lab 1 for instructions on how to PRINT

### Questions:

(For each of these questions, take a screenshot of Wireshark, and attach it to your answer) - Questions without Full Screenshot will not be graded. Your screenshot should indicate the time and date on your computer.

1. What is the TCP port number used by your computer to communicate with [gaia.cs.umass.edu](http://gaia.cs.umass.edu)?
2. What is the TCP port number used by [gaia.cs.umass.edu](http://gaia.cs.umass.edu) to communicate with your computer?
3. What is the sequence number of the TCP SYN segment that is used to initiate the TCP connection between your computer and [gaia.cs.umass.edu](http://gaia.cs.umass.edu)? What is it in the segment that identifies the segment as a SYN segment?
4. What is the sequence number of the SYNACK segment sent by [gaia.cs.umass.edu](http://gaia.cs.umass.edu) to the client computer in reply to the SYN? - You must dig deep and find the ACK from [gaia.cs.umass.edu](http://gaia.cs.umass.edu).
5. What is the sequence number of the TCP segment containing the HTTP POST command? Note: that to find the POST command, you'll need to dig into the packet content field at the bottom of the Wireshark window, looking for a segment with a "POST" within its DATA field.

Moudie Alhou jinhon

Command Prompt

Wireless LAN adapter Local Area Connection\* 11:

Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :

Ethernet adapter Ethernet 2:

Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :

Ethernet adapter Ethernet 3:

Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :

Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix . : fios-router.home  
Link-local IPv6 Address . . . . : fe80::692f:f81e:2c88:35df%4  
IPv4 Address. . . . . : 192.168.1.182  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . : 192.168.1.1

Ethernet adapter Bluetooth Network Connection:

Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :

C:\Users\moudi>

Type here to search



ENG 1:44 PM  
TN 9/23/2018



lab3.pcapng

File Edit View Go Capture Analyze Statistics Telephone Wireless Tools Help

No.	Time	Source	Destination	Protocol	Length	Info
2	22:51:16.648469	192.168.1.182	192.168.8.101	TCP	66	60695 → 3911 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
30	22:51:25.026891	192.168.1.182	192.168.1.1	TCP	66	60696 → 58589 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
31	22:51:25.034382	192.168.1.1	192.168.1.182	TCP	66	58589 → 60696 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=32
32	22:51:25.034494	192.168.1.182	192.168.1.1	TCP	54	60696 → 58589 [ACK] Seq=1 Ack=1 Win=65536 Len=0
33	22:51:25.034673	192.168.1.182	192.168.1.1	HTTP	251	GET /rootDesc.xml HTTP/1.1
34	22:51:25.042622	192.168.1.1	192.168.1.182	TCP	60	58589 → 60696 [ACK] Seq=1 Ack=198 Win=15680 Len=0
35	22:51:25.043547	192.168.1.1	192.168.1.182	TCP	1514	58589 → 60696 [ACK] Seq=1 Ack=198 Win=15680 Len=1460 [TCP segment of a reassembled PDU]
36	22:51:25.043764	192.168.1.1	192.168.1.182	HTTP/...	1375	HTTP/1.1 200 OK
37	22:51:25.043764	192.168.1.1	192.168.1.182	TCP	60	58589 → 60696 [FIN, ACK] Seq=2782 Ack=198 Win=15680 Len=0
38	22:51:25.043816	192.168.1.182	192.168.1.1	TCP	54	60696 → 58589 [ACK] Seq=198 Ack=2783 Win=65536 Len=0
39	22:51:25.043940	192.168.1.182	192.168.1.1	TCP	54	60696 → 58589 [FIN, ACK] Seq=198 Ack=2783 Win=65536 Len=0
40	22:51:25.049460	192.168.1.1	192.168.1.182	TCP	60	58589 → 60696 [ACK] Seq=2783 Ack=199 Win=15680 Len=0
62	22:51:37.202140	192.168.1.182	128.119.245.12	TCP	55	60688 → 80 [ACK] Seq=1 Ack=1 Win=253 Len=1

Frame 30: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0  
> Ethernet II, Src: IntelCor\_c5:a0:c6 (00:a1:8c:c5:a0:c6), Dst: Verizon\_a8:f8:d6 (48:5d:36:a8:f8:d6)  
> Internet Protocol Version 4, Src: 192.168.1.182, Dst: 192.168.1.1  
> Transmission Control Protocol, Src Port: 60696, Dst Port: 58589, Seq: 0, Len: 0

Source Port: 60696  
Destination Port: 58589  
[Stream index: 1]  
[TCP Segment Len: 0]  
Sequence number: 0 (relative sequence number)  
[Next sequence number: 0 (relative sequence number)]  
Acknowledgment number: 0  
1000 .... = Header Length: 32 bytes (8)  
> Flags: 0x002 (SYN)

This destination is not gain.cs.umass.edu.

Ready to load or capture

Type here to search

Packets: 1006 · Displayed: 443 (44.0%) · Dropped: 0 (0.0%)

Profile: Default  
ENG 11:01 PM  
TN 9/23/2018



lab3.pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

tcp

No.	Time	Source	Destination	Protocol	Length	Info
2	22:51:16.648469	192.168.1.182	192.168.8.101	TCP	66	60695 → 3911 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
30	22:51:25.026891	192.168.1.182	192.168.1.1	TCP	66	60696 → 58589 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
31	22:51:25.034382	192.168.1.1	192.168.1.182	TCP	66	58589 → 60696 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=32
32	22:51:25.034494	192.168.1.182	192.168.1.1	TCP	54	60696 → 58589 [ACK] Seq=1 Ack=1 Win=65536 Len=0
33	22:51:25.034673	192.168.1.182	192.168.1.1	HTTP	251	GET /rootDesc.xml HTTP/1.1
34	22:51:25.042622	192.168.1.1	192.168.1.182	TCP	60	58589 → 60696 [ACK] Seq=1 Ack=198 Win=15680 Len=0
35	22:51:25.043547	192.168.1.1	192.168.1.182	TCP	1514	58589 → 60696 [ACK] Seq=1 Ack=198 Win=15680 Len=1460 [TCP segment of a reassembled PDU]
36	22:51:25.043764	192.168.1.1	192.168.1.182	HTTP/...	1375	HTTP/1.1 200 OK
37	22:51:25.043764	192.168.1.1	192.168.1.182	TCP	60	58589 → 60696 [FIN, ACK] Seq=2782 Ack=198 Win=15680 Len=0
38	22:51:25.043816	192.168.1.182	192.168.1.1	TCP	54	60696 → 58589 [ACK] Seq=198 Ack=2783 Win=65536 Len=0
39	22:51:25.043940	192.168.1.182	192.168.1.1	TCP	54	60696 → 58589 [FIN, ACK] Seq=198 Ack=2783 Win=65536 Len=0
40	22:51:25.049460	192.168.1.1	192.168.1.182	TCP	60	58589 → 60696 [ACK] Seq=2783 Ack=199 Win=15680 Len=0
62	22:51:37.202140	192.168.1.182	128.119.245.12	TCP	55	60688 → 80 [ACK] Seq=1 Ack=1 Win=253 Len=1

Frame 30: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0  
> Ethernet II, Src: IntelCor\_c5:a0:c6 (00:e1:8c:e5:a0:c6), Dst: Verizon\_a8:f8:d6 (48:5d:36:a8:f8:d6)  
> Internet Protocol Version 4, Src: 192.168.1.182, Dst: 192.168.1.1

Transmission Control Protocol, Src Port: 60696, Dst Port: 58589, Seq: 0, Len: 0

Source Port: 60696

Destination Port: 58589

[Stream index: 1]

[TCP Segment Len: 0]

Sequence number: 0 (relative sequence number)

[Next sequence number: 0 (relative sequence number)]

Acknowledgment number: 0

1000 .... = Header Length: 32 bytes (8)

Flags: 0x002 (SYN)

Window size value: 64240

0000 48 5d 36 a8 f8 d6 00 e1 8c c5 a0 c6 08 00 45 00 HJ6.....E.

Ready to load or capture

Type here to search

Packets: 1006 · Displayed: 443 (44.0%) · Dropped: 0 (0.0%)

Profile: Default

ENG 11:01 PM

TN 9/23/2018



Q#3

X

lab3.pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

tcp

No. Time Source Destination Protocol Length Info

2 22:51:16.648469 192.168.1.182 192.168.8.101 TCP 66 60695 → 3911 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK\_PERM=1

30 22:51:25.026891 192.168.1.182 192.168.1.1 TCP 66 60696 → 58589 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK\_PERM=1

31 22:51:25.034382 192.168.1.1 192.168.1.182 TCP 66 58589 → 60696 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK\_PERM=1 WS=32

32 22:51:25.034494 192.168.1.182 192.168.1.1 TCP 54 60696 → 58589 [ACK] Seq=1 Ack=1 Win=65536 Len=0

33 22:51:25.034673 192.168.1.182 192.168.1.1 HTTP 251 GET /rootdesc.xml HTTP/1.1

34 22:51:25.042622 192.168.1.1 192.168.1.182 TCP 60 58589 → 60696 [ACK] Seq=1 Ack=198 Win=15680 Len=0

35 22:51:25.043547 192.168.1.1 192.168.1.182 TCP 1514 58589 → 60696 [ACK] Seq=1 Ack=198 Win=15680 Len=1460 [TCP segment of a reassembled PDU]

36 22:51:25.043764 192.168.1.1 192.168.1.182 HTTP/.. 1375 HTTP/1.1 200 OK

37 22:51:25.043764 192.168.1.1 192.168.1.182 TCP 60 58589 → 60696 [FIN, ACK] Seq=2782 Ack=198 Win=15680 Len=0

38 22:51:25.043816 192.168.1.182 192.168.1.1 TCP 54 60696 → 58589 [ACK] Seq=198 Ack=2783 Win=65536 Len=0

39 22:51:25.043940 192.168.1.182 192.168.1.1 TCP 54 60696 → 58589 [FIN, ACK] Seq=198 Ack=2783 Win=65536 Len=0

40 22:51:25.049460 192.168.1.1 192.168.1.182 TCP 60 58589 → 60696 [ACK] Seq=2783 Ack=199 Win=15680 Len=0

62 22:51:37.202140 192.168.1.182 128.119.245.12 TCP 55 60688 → 80 [ACK] Seq=1 Ack=1 Win=253 Len=1

> Frame 30: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

> Ethernet II, Src: IntelCor\_c5:a0:f6 (00:e1:8c:c5:a0:c6), Dst: Verizon\_a8:f8:d6 (48:5d:36:a8:f8:d6)

> Internet Protocol Version 4, Src: 192.168.1.182, Dst: 192.168.1.1

Transmission Control Protocol, Src Port: 60696, Dst Port: 58589, Seq: 0, Len: 0

Source Port: 60696

Destination Port: 58589

[Stream index: 1]

[TCP Segment Len: 0]

Sequence number: 0 (relative sequence number)

[Next sequence number: 0 (relative sequence number)]

Acknowledgment number: 0

1000 .... = Header Length: 32 bytes (8)

Flags: 0x002 (SYN)

Window size value: 64240

48 5d 36 a8 f8 d6 00 e1 8c c5 a0 c6 08 00 45 00 HJ6.....E.

Ready to load or capture

Type here to search

Packets: 1006 · Displayed: 443 (44.0%) · Dropped: 0 (0.0%) Profile: Default

ENG 11:01 PM 9/23/2018

Wrong website.  
This is not the IP address of  
gma-cs.umass.edu.  
= 12



No.	Time	Source	Destination	Protocol	Length	Info
2	22:51:16.648469	192.168.1.182	192.168.8.101	TCP	66	60695 → 3911 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
30	22:51:25.026891	192.168.1.182	192.168.1.1	TCP	66	60696 → 58589 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
31	22:51:25.034382	192.168.1.1	192.168.1.182	TCP	66	58589 → 60696 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=32
32	22:51:25.034494	192.168.1.182	192.168.1.1	TCP	54	60696 → 58589 [ACK] Seq=1 Ack=1 Win=65536 Len=0
33	22:51:25.034673	192.168.1.182	192.168.1.1	HTTP	251	GET /rootDesc.xml HTTP/1.1
34	22:51:25.042622	192.168.1.1	192.168.1.182	TCP	60	58589 → 60696 [ACK] Seq=1 Ack=198 Win=15680 Len=0
35	22:51:25.043547	192.168.1.1	192.168.1.182	TCP	1514	58589 → 60696 [ACK] Seq=1 Ack=198 Win=15680 Len=1460 [TCP segment of a reassembled PDU]
36	22:51:25.043764	192.168.1.1	192.168.1.182	HTTP/...	1375	HTTP/1.1 200 OK
37	22:51:25.043764	192.168.1.1	192.168.1.182	TCP	60	58589 → 60696 [FIN, ACK] Seq=2782 Ack=198 Win=15680 Len=0
38	22:51:25.043816	192.168.1.182	192.168.1.1	TCP	54	60696 → 58589 [ACK] Seq=198 Ack=2783 Win=65536 Len=0
39	22:51:25.043940	192.168.1.182	192.168.1.1	TCP	54	60696 → 58589 [FIN, ACK] Seq=198 Ack=2783 Win=65536 Len=0
40	22:51:25.049460	192.168.1.1	192.168.1.182	TCP	60	58589 → 60696 [ACK] Seq=2783 Ack=199 Win=15680 Len=0
62	22:51:37.202140	192.168.1.182	128.119.245.12	TCP	55	60688 → 80 [ACK] Seq=1 Ack=1 Win=253 Len=1

Frame 31: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0  
> Ethernet II, Src: Verizon\_a8:f8:d6 (48:5d:36:a8:f8:d6), Dst: IntelCor\_c5:a0:c6 (00:e1:8c:c5:a0:c6)  
> Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.182  
> Transmission Control Protocol, Src Port: 58589, Dst Port: 60696, Seq: 0, Ack: 1, Len: 0  
Source Port: 58589  
Destination Port: 60696  
[Stream index: 1]  
[TCP Segment Len: 0] (relative sequence number)  
Sequence number: 0 (relative sequence number)  
[Next sequence number: 0 (relative sequence number)]  
Acknowledgment number: 1 (relative ack number)  
1000 .... = Header Length: 32 bytes (8)  
> Flags: 0x012 (SYN, ACK)  
Window size value: 14600  
0000 00 e1 8c c5 a0 c6 48 5d 36 a8 f8 d6 08 00 45 00 .....H] 6.....E

Ready to load or capture

Type here to search

Packets: 1006 · Displayed: 443 (44.0%) · Dropped: 0 (0.0%)

Profile: Default  
ENG 11:05 PM  
TN 9/23/2018



Q#5

lab3.pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

http

No.	Time	Source	Destination	Protocol	Length	Info
33	22:51:25.034673	192.168.1.182	192.168.1.1	HTTP	251	GET /rootDesc.xml HTTP/1.1
36	22:51:25.043764	192.168.1.1	192.168.1.182	HTTP/...	1375	HTTP/1.1 200 OK
715	22:53:53.090781	192.168.1.182	192.168.1.154	HTTP	354	GET /upnphost/udhisapi.dll?content=uuid:375c0d92-5f90-41f6-a23a-fd9f917d6d65 HTTP/1.1
718	22:53:53.115085	192.168.1.154	192.168.1.182	HTTP/...	1114	HTTP/1.1 200 OK
934	22:54:05.717463	192.168.1.182	128.119.245.12	HTTP	1472	POST /wirespark-labs/lab3-1-reply.htm HTTP/1.1 (text/plain)
984	22:54:05.746653	128.119.245.12	192.168.1.182	HTTP	831	HTTP/1.1 200 OK (text/html)

Expression...

This is correct - This is the IP of the webpage.

> Frame 934: 1472 bytes on wire (11776 bits), 1472 bytes captured (11776 bits) on interface 0

> Ethernet II, Src: IntelCor\_c5:a0:c6 (00:e1:8c:c5:a0:c6), Dst: Verizon\_a8:f8:d6 (48:5d:36:a8:f8:d6)

> Internet Protocol Version 4, Src: 192.168.1.182, Dst: 128.119.245.12

> Transmission Control Protocol, Src Port: 60708, Dst Port: 80, Seq: 151565, Ack: 1, Len: 1418

Source Port: 60708

Destination Port: 80

[Stream index: 24]

[TCP Segment Len: 1418]

Sequence number: 151565 (relative sequence number)

[Next sequence number: 152983 (relative sequence number)]

Acknowledgment number: 1 (relative ack number)

0101 .... = Header Length: 20 bytes (5)

> Flags: FIN, ACK

<

Frame (1472 bytes) Reassembled TCP (152982 bytes)

Hypertext Transfer Protocol: Protocol

Type here to search

Packets: 1006 · Displayed: 6 (0.6%) · Dropped: 0 (0.0%)

Profile: Default

ENG 11:12 PM 9/23/2018



Correct IP.

No.	Time	Source	Destination	Protocol	Length	Info
934	22:54:05.717463	192.168.1.182	128.119.245.12	HTTP	1472	POST /wireshark-labs/lab3-1-reply.htm HTTP,

1.1 (text/plain)

Frame 934: 1472 bytes on wire (11776 bits), 1472 bytes captured (11776 bits) on interface 0  
 Ethernet II, Src: IntelCor\_c5:a0:c6 (00:e1:8c:c5:a0:c6), Dst: Verizon\_a8:f8:d6 (48:5d:36:a8:f8:d6)  
 Internet Protocol Version 4, Src: 192.168.1.182, Dst: 128.119.245.12  
 Transmission Control Protocol, Src Port: 60708, Dst Port: 80, Seq: 151565, Ack: 1, Len: 1418

Source Port: 60708  
 Destination Port: 80  
 [Stream index: 24]  
 [TCP Segment Len: 1418]  
 Sequence number: 151565 (relative sequence number)  
 [Next sequence number: 152983 (relative sequence number)]  
 Acknowledgment number: 1 (relative ack number)  
 0101 .... = Header Length: 20 bytes (5)  
 Flags: 0x018 (PSH, ACK)  
 000. .... = Reserved: Not set  
 ...0 .... = Nonce: Not set  
 .... 0... = Congestion Window Reduced (CWR): Not set  
 .... .0.. = ECN-Echo: Not set  
 .... ..0. = Urgent: Not set  
 .... ...1 = Acknowledgment: Set  
 .... .... 1... = Push: Set  
 .... ..... 0.. = Reset: Not set  
 .... .... .0. = Syn: Not set  
 .... ..... 0 = Fin: Not set  
 [TCP Flags: .....AP...]  
 Window size value: 256  
 [Calculated window size: 65536]  
 [Window size scaling factor: 256]  
 Checksum: 0xb4a1 [unverified]  
 [Checksum Status: Unverified]  
 Urgent pointer: 0  
 [SEQ/ACK analysis]  
 [iRTT: 0.022808000 seconds]  
 [Bytes in flight: 75740]  
 [Bytes sent since last PSH flag: 4338]  
 [Timestamps]  
 TCP payload (1418 bytes)  
 TCP segment data (1418 bytes)  
 [107 Reassembled TCP Segments (152982 bytes): #772(661), #773(1460), #774(1460), #775(1460), #776(1460), #777(1460), #778(1460), #779(1460), #780(1460), #781(1460), #785(1460), #787(1460), #788(1460), #790(1460), #791(1460), #793(1460), #79]  
 Hypertext Transfer Protocol  
 POST /wireshark-labs/lab3-1-reply.htm HTTP/1.1\r\n  
 Host: gaia.cs.umass.edu\r\n  
 Connection: keep-alive\r\n  
 Content-Length: 152321\r\n  
 Cache-Control: max-age=0\r\n  
 Origin: http://gaia.cs.umass.edu\r\n  
 Upgrade-Insecure-Requests: 1\r\n  
 Content-Type: multipart/form-data; boundary=----WebKitFormBoundaryl4TsKLQ9uBqnBBkH\r\n  
 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/69.0.3497.100 Safari/537.36\r\n  
 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,\*/\*;q=0.8\r\n  
 Referer: http://gaia.cs.umass.edu/wireshark-labs/TCP-wireshark-file1.html\r\n  
 Accept-Encoding: gzip, deflate\r\n  
 Accept-Language: en-US,en;q=0.9\r\n  
 \r\n  
 [Full request URI: http://gaia.cs.umass.edu/wireshark-labs/lab3-1-reply.htm]  
 [HTTP request 1/1]  
 [Response in frame: 984]  
 File Data: 152321 bytes  
 MIME Multipart Media Encapsulation, Type: multipart/form-data, Boundary: "----WebKitFormBoundaryl4TsKLQ9uBqnBBkH"



```
No.      Time                Source                Destination            Protocol Length Info
 984 22:54:05.746653    128.119.245.12        192.168.1.182          HTTP      831    HTTP/1.1 200 OK (text/html)
Frame 984: 831 bytes on wire (6648 bits), 831 bytes captured (6648 bits) on interface 0
Ethernet II, Src: Verizon_a8:f8:d6 (48:5d:36:a8:f8:d6), Dst: IntelCor_c5:a0:c6 (00:e1:8c:c5:a0:c6)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.182
Transmission Control Protocol, Src Port: 80, Dst Port: 60708, Seq: 1, Ack: 152983, Len: 777
  Source Port: 80
  Destination Port: 60708
  [Stream index: 24]
  [TCP Segment Len: 777]
  Sequence number: 1 (relative sequence number)
  [Next sequence number: 778 (relative sequence number)]
  Acknowledgment number: 152983 (relative ack number)
  0101 .... = Header Length: 20 bytes (5)
  Flags: 0x018 (PSH, ACK)
    000. .... = Reserved: Not set
    ...0 .... = Nonce: Not set
    ....0... = Congestion Window Reduced (CWR): Not set
    ....0... = ECN-Echo: Not set
    ....0... = Urgent: Not set
    ....1... = Acknowledgment: Set
    ....1... = Push: Set
    ....0... = Reset: Not set
    ....0... = Syn: Not set
    ....0... = Fin: Not set
  [TCP Flags: .....AP...]
  Window size value: 2093
  [Calculated window size: 267904]
  [Window size scaling factor: 128]
  Checksum: 0xccfd [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  [SEQ/ACK analysis]
    [iRTT: 0.022808000 seconds]
    [Bytes in flight: 777]
    [Bytes sent since last PSH flag: 777]
  [Timestamps]
  TCP payload (777 bytes)
Hypertext Transfer Protocol
  HTTP/1.1 200 OK\r\n
  Date: Mon, 24 Sep 2018 02:54:06 GMT\r\n
  Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.10 Perl/v5.16.3\r\n
  Last-Modified: Sat, 23 Oct 2010 11:38:58 GMT\r\n
  ETag: "1a2-4934734677880"\r\n
  Accept-Ranges: bytes\r\n
  Content-Length: 418\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: 0.029190000 seconds]
  [Request in frame: 934]
  File Data: 418 bytes
Line-based text data: text/html (11 lines)
```