

My IP address is 192.168.200.8

Wireshark network traffic capture showing a TCP connection from 192.168.200.8 to 128.119.245.12. The packet list shows a SYN packet (Seq=0, Win=17520) and subsequent ACK packets. The packet details pane shows the TCP header for the SYN packet, including the source port 64511 and the destination port 80. The packet bytes pane shows the raw data of the SYN packet.

No.	Time	Source	Destination	Protocol	Length	Info
19	2019-02-24 19:10:57.955259	192.232.81.130	192.168.200.8	TCP	66	443 → 64488 [ACK] Seq=1 Ack=2 Win=60 Len=0 SLE=1 SRE=2
22	2019-02-24 19:11:00.979844	192.168.200.8	151.101.192.114	TCP	55	64433 → 443 [ACK] Seq=1 Ack=1 Win=773 Len=1 [TCP segment of a reassembled PDU]
23	2019-02-24 19:11:00.983215	151.101.192.114	192.168.200.8	TCP	66	443 → 64433 [ACK] Seq=1 Ack=2 Win=59 Len=0 SLE=1 SRE=2
27	2019-02-24 19:11:01.771474	192.168.200.8	128.119.245.12	TCP	66	64511 → 80 [SYN] Seq=0 Win=17520 Len=0 MSS=1460 WS=256 SACK_PERM=1
28	2019-02-24 19:11:01.772567	192.168.200.8	128.119.245.12	TCP	66	64512 → 80 [SYN] Seq=0 Win=17520 Len=0 MSS=1460 WS=256 SACK_PERM=1
29	2019-02-24 19:11:01.793449	128.119.245.12	192.168.200.8	TCP	66	80 → 64512 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460 SACK_PERM=1 WS=128
30	2019-02-24 19:11:01.793712	192.168.200.8	128.119.245.12	TCP	54	64512 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=0
31	2019-02-24 19:11:01.793947	128.119.245.12	192.168.200.8	TCP	66	80 → 64511 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460 SACK_PERM=1 WS=128
32	2019-02-24 19:11:01.794187	192.168.200.8	128.119.245.12	TCP	54	64511 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=0
33	2019-02-24 19:11:01.799369	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
34	2019-02-24 19:11:01.799387	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=1461 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
35	2019-02-24 19:11:01.799394	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=2921 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
36	2019-02-24 19:11:01.799405	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=4381 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]

Frame 27: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
> Ethernet II, Src: IntelCor_47:b8:32 (acd:5c:47:b8:32), Dst: Verizon_d0:13:e4 (20:c0:47:d0:13:e4)
> Internet Protocol Version 4, Src: 192.168.200.8, Dst: 128.119.245.12
▼ Transmission Control Protocol, Src Port: 64511, Dst Port: 80, Seq: 0, Len: 0
Source Port: 64511
Destination Port: 80
[Stream index: 9]
[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)
000. = Reserved: Not set
...0 = Nonce: Not set
...0 = Congestion Window Reduced (CWR): Not set
...0 = ECN-Echo: Not set
...0 = Urgent: Not set
...0 = Acknowledgment: Not set
...0 = Push: Not set

0000 20 c0 47 d0 13 e4 ac ed 5c 47 b8 32 08 06 45 00 .G.....\G-2-
0010 00 34 3a 5f 40 00 00 06 c2 2f c0 a8 c8 08 80 77 4: @... /.....w
0020 f5 0c fb ff 00 50 e4 d1 e1 7d 00 00 00 00 80 02P... }.....
0030 44 70 69 cb 00 00 02 04 05 b4 01 03 03 08 01 01 Dpi.....

Ethernet (eth), 14 bytes | Packets: 866 · Displayed: 854 (98.6%) · Dropped: 0 (0.0%) | Profile: Default

1. TCP port number used by my computer to communicate with gaia.cs.umass.edu is 64511 which is mine as a source port.

Wi-Fi

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tcp

No.	Time	Source	Destination	Protocol	Length	Info
19	2019-02-24 19:10:57.955259	199.232.81.130	192.168.200.8	TCP	66	443 → 64488 [ACK] Seq=1 Ack=2 Win=60 Len=0 SLE=1 SRE=2
22	2019-02-24 19:11:00.979844	192.168.200.8	151.101.192.114	TCP	55	64433 → 443 [ACK] Seq=1 Ack=1 Win=773 Len=1 [TCP segment of a reassembled PDU]
23	2019-02-24 19:11:00.983215	151.101.192.114	192.168.200.8	TCP	66	443 → 64433 [ACK] Seq=1 Ack=2 Win=59 Len=0 SLE=1 SRE=2
27	2019-02-24 19:11:01.771474	192.168.200.8	128.119.245.12	TCP	66	64511 → 80 [SYN] Seq=0 Win=17520 Len=0 MSS=1460 WS=256 SACK_PERM=1
28	2019-02-24 19:11:01.772567	192.168.200.8	128.119.245.12	TCP	66	64512 → 80 [SYN] Seq=0 Win=17520 Len=0 MSS=1460 WS=256 SACK_PERM=1
29	2019-02-24 19:11:01.793449	128.119.245.12	192.168.200.8	TCP	66	80 → 64512 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460 SACK_PERM=1 WS=128
30	2019-02-24 19:11:01.793712	192.168.200.8	128.119.245.12	TCP	54	64512 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=0
31	2019-02-24 19:11:01.793947	128.119.245.12	192.168.200.8	TCP	66	80 → 64511 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460 SACK_PERM=1 WS=128
32	2019-02-24 19:11:01.794187	192.168.200.8	128.119.245.12	TCP	54	64511 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=0
33	2019-02-24 19:11:01.799369	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
34	2019-02-24 19:11:01.799387	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=1461 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
35	2019-02-24 19:11:01.799394	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=2921 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
36	2019-02-24 19:11:01.799405	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=4381 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]

> Frame 27: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

> Ethernet II, Src: IntelCor_47:b8:32 (ac:ed:5c:47:b8:32), Dst: Verizon_d0:13:e4 (20:c0:47:d0:13:e4)

> Internet Protocol Version 4, Src: 192.168.200.8, Dst: 128.119.245.12

> Transmission Control Protocol, Src Port: 64511, Dst Port: 80, Seq: 0, Len: 0

Source Port: 64511

Destination Port: 80

[Stream index: 9]

[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)

000. = Reserved: Not set

...0 = Nonce: Not set

...0... = Congestion Window Reduced (CWR): Not set

...0... = ECN-Echo: Not set

...0... = Urgent: Not set

...0... = Acknowledgment: Not set

...0... = Push: Not set

0000 20 c0 47 d0 13 e4 ac ed 5c 47 b8 32 08 06 45 00 ..G.....\G.2..E

0010 00 34 3a 5f 40 00 80 06 c2 2f c0 a8 c8 08 00 77 4: @... /.....w

0020 f5 0c fb ff 00 50 e4 d1 e1 7d 00 00 00 00 80 02P...}.....

0030 44 70 69 c9 00 00 02 04 05 b4 01 03 03 08 01 01 Dpi.....

Ethernet (eth), 14 bytes

Packets: 866 · Displayed: 854 (98.6%) · Dropped: 0 (0.0%)

Profile: Default

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2. TCP port number used by gaia.cs.umass.edu to communicate with my computer is port 80.

The screenshot shows a Wireshark packet capture of a TCP connection. The packet list at the top shows a SYN-ACK packet (No. 29) from 192.168.200.8 to 128.119.245.12. The packet details pane shows the following information:

- Frame 29: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
- Ethernet II, Src: Verizon_d0:13:e4 (20:c0:47:d0:13:e4), Dst: IntelCor_47:b8:32 (ac:ed:5c:47:b8:32)
- Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.200.8
- Transmission Control Protocol, Src Port: 80, Dst Port: 64512, Seq: 0, Ack: 1, Len: 0
 - Source Port: 80
 - Destination Port: 64512
 - [Stream index: 10]
 - [TCP Segment Len: 0]
 - 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)
 - 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
 - ...0... = Push: Not set

The packet bytes pane shows the raw data of the packet, which is a SYN-ACK packet.

3. The SYN number is that is used to initiate connection. On the info section on the packets frame it mentions [SYN] that is how we know. Also because SYN is the first step towards the connection and it is selected in my screenshot.

*Wi-Fi

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tcp

No.	Time	Source	Destination	Protocol	Length	Info
19	2019-02-24 19:10:57.955259	199.232.81.130	192.168.200.8	TCP	66	443 → 64488 [ACK] Seq=1 Ack=2 Win=60 Len=0 SLE=1 SRE=2
22	2019-02-24 19:11:00.979844	192.168.200.8	151.101.192.114	TCP	55	64433 → 443 [ACK] Seq=1 Ack=1 Win=773 Len=1 [TCP segment of a reassembled PDU]
23	2019-02-24 19:11:00.983215	151.101.192.114	192.168.200.8	TCP	66	443 → 64433 [ACK] Seq=1 Ack=2 Win=59 Len=0 SLE=1 SRE=2
27	2019-02-24 19:11:01.771474	192.168.200.8	128.119.245.12	TCP	66	64511 → 80 [SYN] Seq=0 Win=17520 Len=0 MSS=1460 WS=256 SACK_PERM=1
28	2019-02-24 19:11:01.772567	192.168.200.8	128.119.245.12	TCP	66	64512 → 80 [SYN] Seq=0 Win=17520 Len=0 MSS=1460 WS=256 SACK_PERM=1
29	2019-02-24 19:11:01.793449	128.119.245.12	192.168.200.8	TCP	66	80 → 64512 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460 SACK_PERM=1 WS=128
30	2019-02-24 19:11:01.793712	192.168.200.8	128.119.245.12	TCP	54	64512 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=0
31	2019-02-24 19:11:01.793947	128.119.245.12	192.168.200.8	TCP	66	80 → 64511 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460 SACK_PERM=1 WS=128
32	2019-02-24 19:11:01.794187	192.168.200.8	128.119.245.12	TCP	54	64511 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=0
33	2019-02-24 19:11:01.799369	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
34	2019-02-24 19:11:01.799387	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=1461 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
35	2019-02-24 19:11:01.799394	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=2921 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
36	2019-02-24 19:11:01.799405	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=4381 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]

> Frame 27: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

> Ethernet II, Src: IntelCor_47:b8:32 (ac:ed:5c:47:b8:32), Dst: Verizon_d0:13:e4 (20:c0:47:d0:13:e4)

> Internet Protocol Version 4, Src: 192.168.200.8, Dst: 128.119.245.12

▼ Transmission Control Protocol, Src Port: 64511, Dst Port: 80, Seq: 0, Len: 0

Source Port: 64511

Destination Port: 80

[Stream index: 9]

[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)

000. = Reserved: Not set

...0 = Nonce: Not set

...0... = Congestion Window Reduced (CWR): Not set

...0... = ECN-Echo: Not set

...0... = Urgent: Not set

...0... = Acknowledgment: Not set

...0... = Push: Not set

0000 20 c0 47 d0 13 e4 ac ed 5c 47 b8 32 08 06 45 00 ..G.....\G-2..E

0010 00 34 3a 5f 40 00 80 06 c2 2f c0 a8 c8 08 00 77 4: @... /.....w

0020 f5 0c fb ff 00 50 e4 d1 e1 7d 00 00 00 00 00 02P.....

0030 44 70 69 c9 00 00 02 04 05 b4 01 03 03 08 01 01 Dpi.....

Ethernet (eth), 14 bytes

Packets: 866 · Displayed: 854 (98.6%) · Dropped: 0 (0.0%)

Profile: Default

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4. SYNACK segments's sequence/ acknowledgement number is 1 (relative ack)

The screenshot displays the Wireshark interface with a list of network packets and a detailed view of a selected packet.

Packet List:

No.	Time	Source	Destination	Protocol	Length	Info
19	2019-02-24 19:10:57.955259	199.232.81.130	192.168.200.8	TCP	66	443 → 64488 [ACK] Seq=1 Ack=2 Win=60 Len=0 SLE=1 SRE=2
22	2019-02-24 19:11:00.979844	192.168.200.8	151.101.192.114	TCP	55	64433 → 443 [ACK] Seq=1 Ack=1 Win=773 Len=1 [TCP segment of a reassembled PDU]
23	2019-02-24 19:11:00.983215	151.101.192.114	192.168.200.8	TCP	66	443 → 64433 [ACK] Seq=1 Ack=2 Win=59 Len=0 SLE=1 SRE=2
27	2019-02-24 19:11:01.771474	192.168.200.8	128.119.245.12	TCP	66	64511 → 80 [SYN] Seq=0 Win=17520 Len=0 MSS=1460 WS=256 SACK_PERM=1
28	2019-02-24 19:11:01.772567	192.168.200.8	128.119.245.12	TCP	66	64512 → 80 [SYN] Seq=0 Win=17520 Len=0 MSS=1460 WS=256 SACK_PERM=1
29	2019-02-24 19:11:01.793449	128.119.245.12	192.168.200.8	TCP	66	80 → 64512 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460 SACK_PERM=1 WS=128
30	2019-02-24 19:11:01.793712	192.168.200.8	128.119.245.12	TCP	54	64512 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=0
31	2019-02-24 19:11:01.793947	128.119.245.12	192.168.200.8	TCP	66	80 → 64511 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460 SACK_PERM=1 WS=128
32	2019-02-24 19:11:01.794187	192.168.200.8	128.119.245.12	TCP	54	64511 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=0
33	2019-02-24 19:11:01.799369	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
34	2019-02-24 19:11:01.799387	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=1461 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
35	2019-02-24 19:11:01.799394	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=2921 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
36	2019-02-24 19:11:01.799405	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=4381 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]

Packet Details:

- Source Port: 80
- Destination Port: 64512
- [Stream index: 10]
- [TCP Segment Len: 0]
- 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)
 - 000. = Reserved: Not set
 - ...0 = Nonce: Not set
 - ...0... = Congestion Window Reduced (CWR): Not set
 - ...0... = ECN-Echo: Not set
 - ...0... = Urgent: Not set
 - ...0... = Acknowledgment: Set
 - ...0... = Push: Not set
 - ...0... = Reset: Not set
 - ...0... = Syn: Set
 - ...0... = Fin: Not set
 - [TCP Flags:A..S.]

Packet Bytes:

```

0010 00 34 00 00 40 00 35 06 47 6f 80 77 f5 0c c0 a8 4. @ 5. Go w...
0020 c8 08 00 50 fc 00 10 84 40 b6 40 0a 7b ea 80 12 ..P... @ @ {...
0030 72 10 f5 3b 00 00 02 04 05 b4 01 01 04 02 01 03 r...
0040 03 07
  
```

Summary: Packets: 866 · Displayed: 854 (98.6%) · Dropped: 0 (0.0%) Profile: Default

5. The sequence number of the TCP segment containing the HTTP POST command is 1. I tried my best to follow the instruction on the question and concluded to this as shown in the screenshot.

*Wi-Fi

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tcp

No.	Time	Source	Destination	Protocol	Length	Info
18	2019-02-24 19:10:57.945278	192.168.200.8	199.232.81.130	TCP	55	64488 → 443 [ACK] Seq=1 Ack=1 Win=63 Len=1 [TCP segment of a reassembled PDU]
19	2019-02-24 19:10:57.955259	199.232.81.130	192.168.200.8	TCP	66	443 → 64488 [ACK] Seq=1 Ack=2 Win=60 Len=0 SLE=1 SRE=2
22	2019-02-24 19:11:00.979844	192.168.200.8	151.101.192.114	TCP	55	64433 → 443 [ACK] Seq=1 Ack=1 Win=773 Len=1 [TCP segment of a reassembled PDU]
23	2019-02-24 19:11:00.983215	151.101.192.114	192.168.200.8	TCP	66	443 → 64433 [ACK] Seq=1 Ack=2 Win=59 Len=0 SLE=1 SRE=2
27	2019-02-24 19:11:01.771474	192.168.200.8	128.119.245.12	TCP	66	64511 → 80 [SYN] Seq=0 Win=17520 Len=0 MSS=1460 WS=256 SACK_PERM=1
28	2019-02-24 19:11:01.772567	192.168.200.8	128.119.245.12	TCP	66	64512 → 80 [SYN] Seq=0 Win=17520 Len=0 MSS=1460 WS=256 SACK_PERM=1
29	2019-02-24 19:11:01.793449	128.119.245.12	192.168.200.8	TCP	66	80 → 64512 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460 SACK_PERM=1 WS=128
30	2019-02-24 19:11:01.793712	192.168.200.8	128.119.245.12	TCP	54	64512 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=0
31	2019-02-24 19:11:01.793947	128.119.245.12	192.168.200.8	TCP	66	80 → 64511 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460 SACK_PERM=1 WS=128
32	2019-02-24 19:11:01.794187	192.168.200.8	128.119.245.12	TCP	54	64511 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=0
33	2019-02-24 19:11:01.799369	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=1 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
34	2019-02-24 19:11:01.799387	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=1461 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]
35	2019-02-24 19:11:01.799394	192.168.200.8	128.119.245.12	TCP	1514	64512 → 80 [ACK] Seq=2921 Ack=1 Win=17408 Len=1460 [TCP segment of a reassembled PDU]

Time to live: 128
 Protocol: TCP (6)
 Header checksum: 0xbc83 [validation disabled]
 [Header checksum status: Unverified]
 Source: 192.168.200.8
 Destination: 128.119.245.12

Transmission Control Protocol, Src Port: 64512, Dst Port: 80, Seq: 1, Ack: 1, Len: 1460

Source Port: 64512
 Destination Port: 80
 [Stream index: 10]
 [TCP Segment Len: 1460]
 Sequence number: 1 (relative sequence number)
 [Next sequence number: 1461 (relative sequence number)]
 Acknowledgment number: 1 (relative ack number)
 0101 = Header Length: 20 bytes (5)
 Flags: 0x0100 (ACK)

0000 20 c0 47 d0 13 e4 ac ed 5c 47 b8 32 08 00 45 00 .G.... \G-2..E-
 0010 05 dc 3a 63 40 00 80 06 bc 83 c0 a8 c8 08 80 77 ...c@... ..w
 0020 f5 0c fc 00 00 50 40 0a 7b e1 10 84 40 b7 50 10P. @.P.
 0030 00 44 11 c7 00 00 50 4f 53 54 20 2f 77 69 72 65 D....PO ST /wire
 0040 73 68 61 72 6b 2d 6c 61 62 73 2f 6c 61 62 33 2d shark-la bs/lab3-
 0050 31 2d 72 65 70 6c 79 2e 68 74 6d 20 48 54 54 50 1-reply. htm HTTP
 0060 2f 31 2e 31 0d 0a 48 6f 73 74 3a 20 67 61 69 61 /1.1:Ho st: gaia
 0070 2e 63 73 2e 75 6d 61 73 73 2e 65 64 75 0d 0a 43 .cs.umass.edu--C
 0080 6f 6e 6e 65 63 74 69 6f 6e 3a 20 6b 65 65 70 2d connectio n: keep-

Sequence number (tcp.seq), 4 bytes

Packets: 866 · Displayed: 854 (98.6%) · Dropped: 0 (0.0%) Profile: Default

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FOR THE HTTP OK PRINT, SINCE WE HAD THIS ASSIGNMENT FILTERED TO TCP I COULD NOT FIND HTTP OK, THEREFORE I FILTERED FOR 'http' AND SELECTED THE PACKET WHICH WAS AROUND THE SAME ESTIMATED TIME AS THE TCP SYN TIME. I ALSO PRINTED THE SYNACK PACKAGE INCASE IF THATS THE PRINT YOU WANTED BECAUSE SYNACK IS ALSO LIKE AN 'OK'.