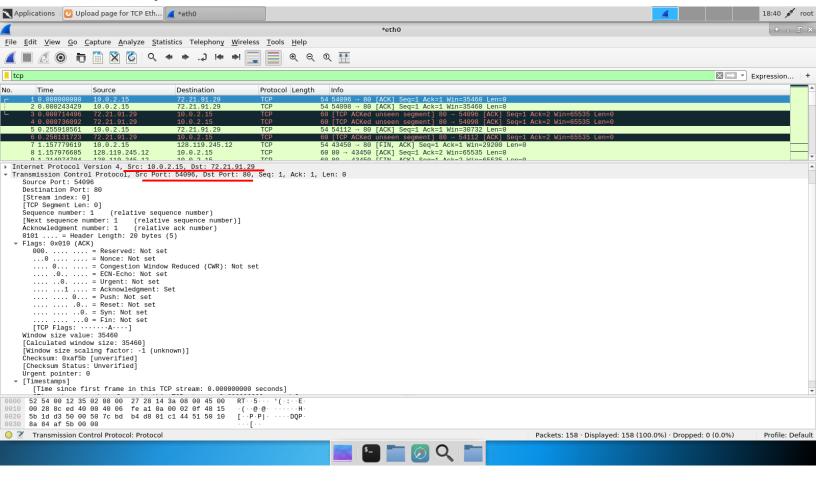
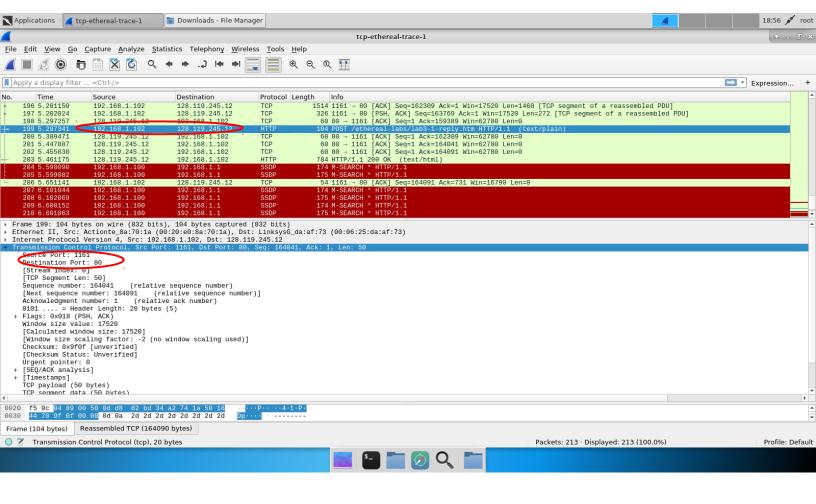
Wireshark Lab: TCP

Questions:

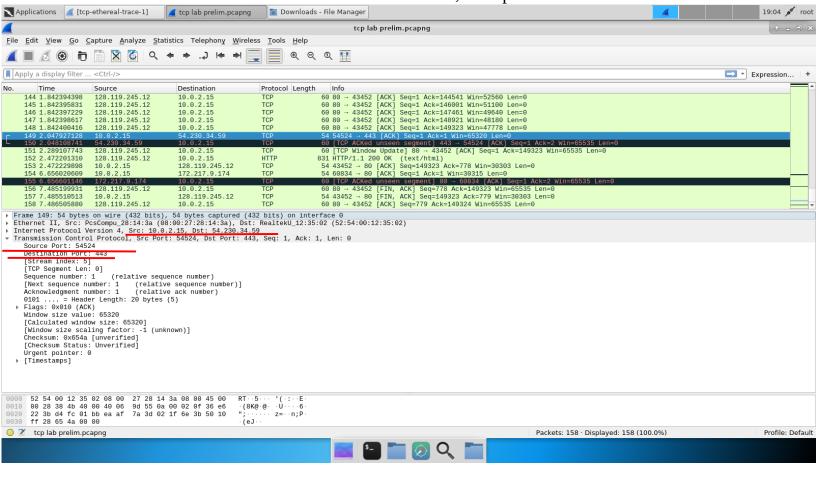
Using the packet trace given in the lab after question 3 Preliminary:



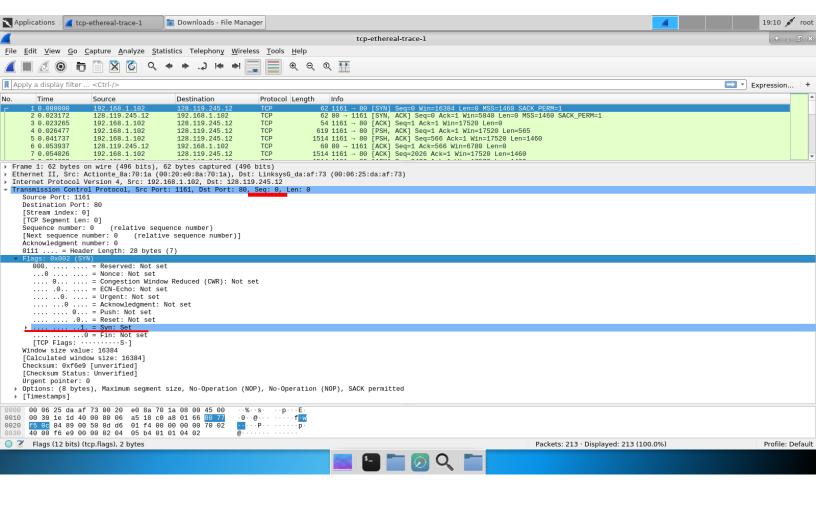
- 1. Source is 192.168.1.102, TCP port number is 1161
- 2. Destination is 128.119.245.12, TCP port number is 80



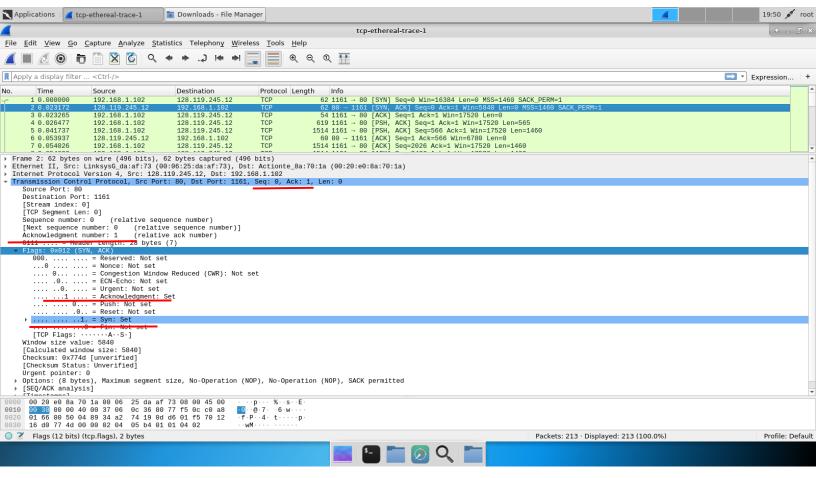
3. Source is 10.0.2.15, TCP port number is 54524 Destination is Destination is 128.119.245.12, TCP port number is 443



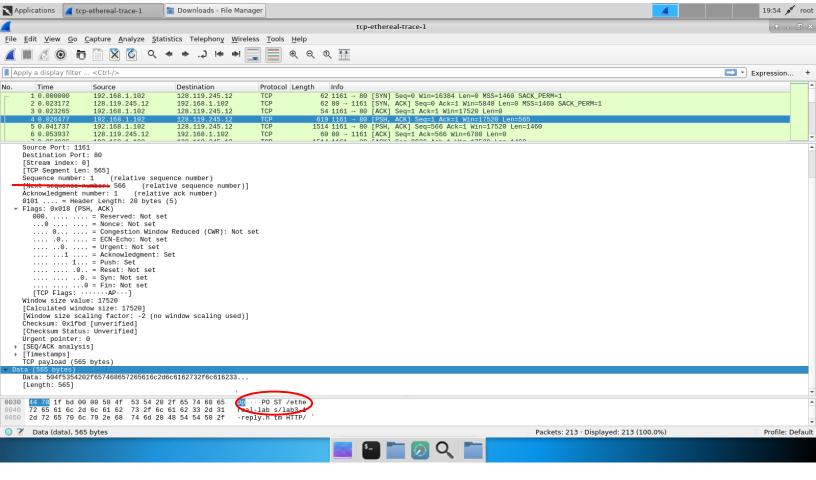
4. The sequence number of the TCP SYN segment is 0. The SYN flag is set to one, which is an indication of a SYN segment.



- 5.
- a. The sequence number is sent to the client in reply to the SYN is 0.
- b. The value of the ACK field in the SYNACK segment is 1.
- c. This value is determined by the destination machine by adding 1 to the sequence from the client machine.
- d. The SYN and Acknowledgment flag identify the segment as a SYNACK segment as they are both set to 1.



6. The sequence number of the HTTP POST command has a value of 1. POST appears in the data field (in the screenshot).

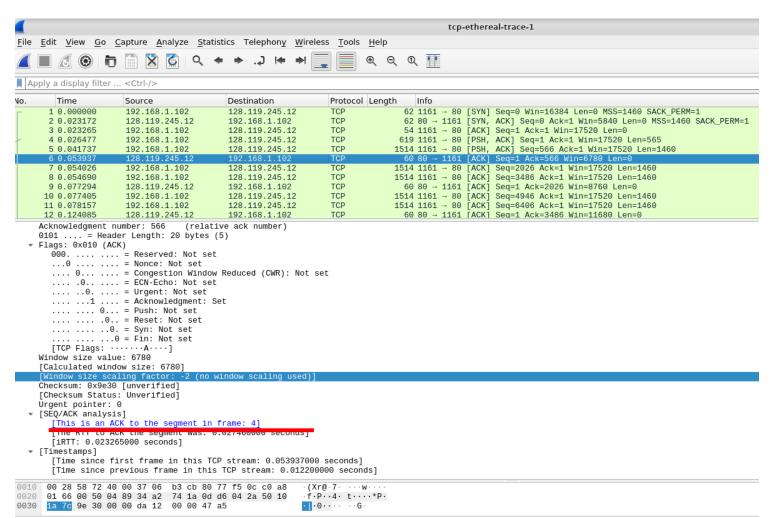


7. A, B, C, D:									
#	Segment	Sequence Number	Sent	ACK	RTT(ACK-Sent)				
4	1	1	0.026	0.053	0.027				
5	2	566	0.041	0.077	0.036				
7	3	2026	0.054	0.124	0.070				
8	4	3486	0.0546	0.169	0.114				
10	5	4946	0.077	0.217	0.140				
11	6	6406	0.078	0.267	0.189				

Estimated RTT's for each segment:

The text gives the following equation: EstRTT - (1-alpha) * EstRTT + alpha * SampleRTT where alpha = 0.125

Segment	Estimated RTT				
1	0.027				
2	0.028				
3	0.033				
4	0.044				
5	0.055				
6	0.073				



8. The length of each of the first six segments:

Segment	Length
1	565
2	1460
3	1460
4	1460
5	1460
6	1460

Vo.	Time	Source	Destination	Protocol L	Length Info					
г	1 0.000000	192.168.1.102	128.119.245.12	TCP	62 1161 → 80 [SYN] Seq=0 Win=16384 Len=0 MSS=1460 SACK_PERM=1					
	2 0.023172	128.119.245.12	192.168.1.102	TCP	62 80 → 1161 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=					
	3 0.023265	192.168.1.102	128.119.245.12	TCP	54 1161 → 80 [ACK] Seq=1 Ack=1 Win=17520 Len=0					
	4 0.026477	192.168.1.102	128.119.245.12	TCP	619 1161 → 80 [PSH, ACK] Seq=1 Ack=1 Win=17520 Len=565					
	5 0.041737	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80 [PSH, ACK] Seq=566 Ack=1 Win=17520 Len=1460					
	6 0.053937	128.119.245.12	192.168.1.102	TCP	60 80 → 1161 [ACK] Seq=1 Ack=566 Win=6780 Len=0					
	7 0.054026	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80 [ACK] Seq=2026 Ack=1 Win=17520 Len=1460					
	8 0.054690	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80 [ACK] Seq=3486 Ack=1 Win=17520 Len=1460					
	9 0.077294	128.119.245.12	192.168.1.102	TCP	60 80 → 1161 [ACK] Seq=1 Ack=2026 Win=8760 Len=0					
	10 0.077405	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80 [ACK] Seq=4946 Ack=1 Win=17520 Len=1460					
	11 0.078157	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80 [ACK] Seq=6406 Ack=1 Win=17520 Len=1460					
	12 0.124085	128.119.245.12	192.168.1.102	TCP	60 80 → 1161 [ACK] Seq=1 Ack=3486 Win=11680 Len=0					
	0	. = Nonce: Not set								
	0	. = Congestion Windo	ow Reduced (CWR): Not	set						
		. = ECN-Echo: Not se	et							
	0 = Urgent: Not set									
	1 = Acknowledgment: Set									
	1 = Push: Set									
	0.	. = Reset: Not set								
). = Syn: Not set								
		0 = Fin: Not set								

(no window scaling used)

[Mindow size scaling factor: -2 (no window scaling used)]
Checksum: 0x1fbd [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0

[SEQ/ACK analysis]
[iRTT: 0.023265000 seconds]
[Bytes in flight: 565]
[Bytes sent since last PSH flag: 565]

[Timestamps]
[Time since first frame in this TCP stream: 0.026477000 seconds]
[Time since previous frame in this TCP stream: 0.003212000 seconds]
TCP payload (565 bytes)

Data (565 bytes)
Data: 504f5354202f657468657265616c2d6c6162732f6c616233...
[Length: 565]

Dp....PO ST /ethe
real-lab s/lab3-1
-reply.h tm HTTP/

🔾 🏅 The window size scaling factor (-1 when unknown, -2 when no scaling is used) (tcp.window_size_scalefactor), 2 bytes

Packets: 213 · Displa

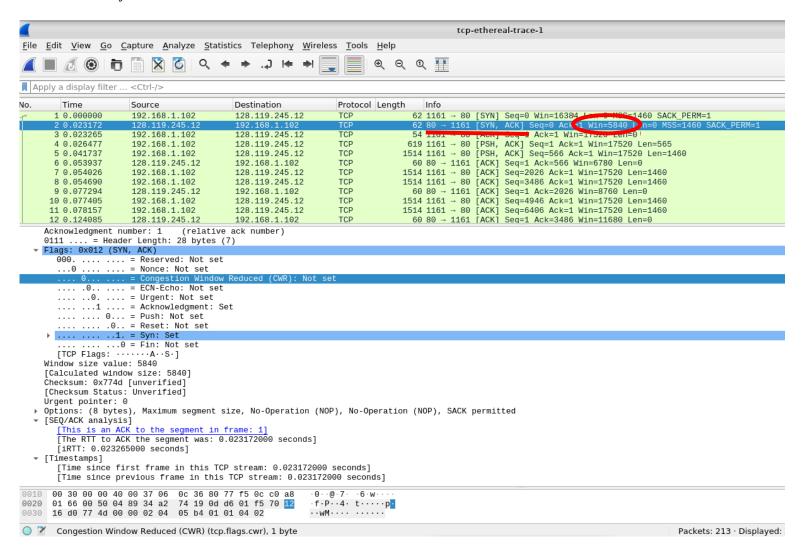
Length of the last five in question is 1460.

```
No.
          Time
                           Source
                                                     Destination
                                                                               Protocol Length
                                                                                                   Info
        1 0.000000
                           192.168.1.102
                                                      128.119.245.12
                                                                               TCP
                                                                                                 62 1161 - 80 [SYN] Seq=0 Win=16384 Len=0 MSS=1460 SACK_PERM=1
        2 0.023172
                           128.119.245.12
                                                     192.168.1.102
                                                                               TCP
                                                                                                 62 80 → 1161 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1
                                                     128.119.245.12
128.119.245.12
                                                                                                 54 1161 - 80 [ACK] Seq=1 Ack=1 Win=17520 Len=0
619 1161 - 80 [PSH, ACK] Seq=1 Ack=1 Win=17520 Len=565
        3 0.023265
                           192.168.1.102
                                                                               TCP
        4 0.026477
                                                                               TCP
                           192.168.1.102
                                                                                                619 1161
        6 0.053937
                            128.119.245.12
                                                      192.168.1.102
                                                                               TCP
                                                                                                 60 80 → 1161
                                                                                                                 [ACK]
                                                                                                                        Seq=1 Ack=566 Win=6780 Len=0
        7 0.054026
                           192.168.1.102
                                                     128.119.245.12
                                                                               TCP
                                                                                               1514 1161 → 80 [ACK]
1514 1161 → 80 [ACK]
                                                                                                                 [ACK]
                                                                                                                        Seq=2026 Ack=1 Win=17520 Len=1460
                                                     128.119.245.12
                                                                               TCP
                                                                                                                        Seq=3486 Ack=1 Win=17520 Len=1460
Seq=1 Ack=2026 Win=8760 Len=0
        8 0.054690
                           192.168.1.102
        9 0.077294
                           128.119.245.12
                                                     192.168.1.102
                                                                               ТСР
                                                                                                 60 80 → 1161 TACKT
                                                                                               1514 1161 → 80 [ACK]
1514 1161 → 80 [ACK]
       10 0.077405
                                                                                                                        Seq=4946 Ack=1 Win=17520 Len=1460
                           192.168.1.102
                                                     128.119.245.12
                                                                               TCP
       11 0.078157
                           192.168.1.102
                                                     128.119.245.12
                                                                               TCP
                                                                                                                        Seq=6406 Ack=1 Win=17520 Len=1460
       12 0.124085
                           128.119.245.12
                                                     192.168.1.102
                                                                               TCP
                                                                                                 60 80 → 1161 [ACK] Seq=1 Ack=3486 Win=11680 Len=0
         ...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
         .... Not set
         .... 0 = Fin: Not set
[TCP Flags: .....AP...]
      Window size value: 17520
      [Calculated window size: 17520]
       Window size scaling factor
                                             (no window scaling used)
      Checksum: 0x3be5 [unverified]
      [Checksum Status: Unverified]
      Ùrgent pointer: 0
     [SEQ/ACK analysis]
         [iRTT: 0.023265000 seconds]
[Bytes in flight: 2025]
         [Bytes sent since last PSH flag: 1460]
     [Timestamps]
      [Time since first frame in this TCP stream: 0.041737000 seconds]
[Time since previous frame in this TCP stream: 0.015260000 seconds]
TCP payload (1460 bytes)
▼ Data (1460 bytes)
      Data: 436f6e74656e742d547970653a206d756c7469706172742f...
      [Length: 1460]
       44 70 3b e5 00 00 43 6f 6e 74 65 6e 74 2d 54 79 70 65 3a 20 6d 75 6c 74 69 70 61 72 74 2f 66 6f
                                                                       Dp; · · · Co ntent-Ty
pe: mult ipart/fo
       72 6d 2d 64 61 74 61 3b 20 62 6f 75 6e 64 61 72
0050
                                                                       rm-data: boundar
```

Packets: 213 · Display

The window size scaling factor (-1 when unknown, -2 when no scaling is used) (tcp.window_size_scalefactor), 2 bytes

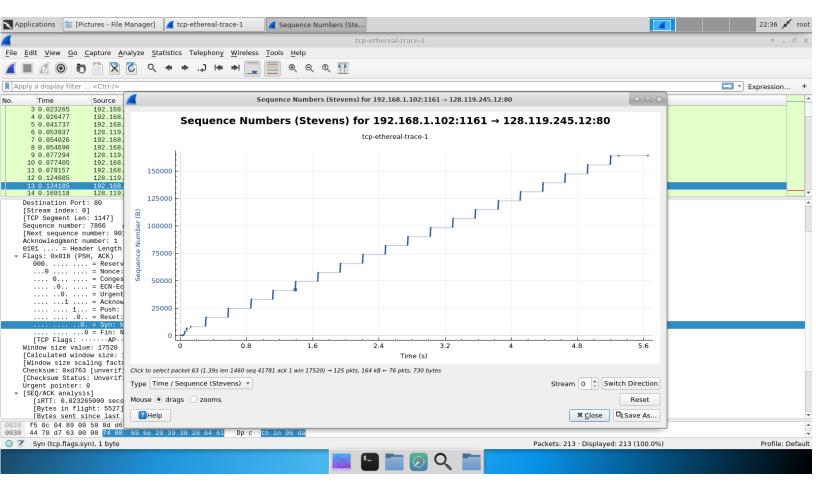
9. In the acknowledgment to the first SYN, the min buffer space is given in the Win specification, it is 5840 bytes.



9b. The sender does not appear to be throttled as the value reaches 62780 bytes.

0.	Time	Source	Destination	Protocol L	ength Info		
	31 0.577385	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=18665 Ack=1 Win=17520 Len=1460
	32 0.578329	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=20125 Ack=1 Win=17520 Len=1460
	33 0.579195	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=21585 Ack=1 Win=17520 Len=1460
	34 0.580149	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=23045 Ack=1 Win=17520 Len=1460
	35 0.581074	192.168.1.102	128.119.245.12	TCP	946 1161 → 80	[PSH,	ACK] Seq=24505 Ack=1 Win=17520 Len=892
	36 0.626496	128.119.245.12	192.168.1.102	TCP	60 80 → 1161	[ACK]	Seq=1 Ack=18665 Win=40880 Len=0
	37 0.672796	128.119.245.12	192.168.1.102	TCP	60 80 → 1161	[ACK]	Seq=1 Ack=20125 Win=43800 Len=0
	38 0.730684	128.119.245.12	192.168.1.102	TCP	60 80 → 1161	[ACK]	Seq=1 Ack=21585 Win=46720 Len=0
	39 0.772990	128.119.245.12	192.168.1.102	TCP	60 80 → 1161	[ACK]	Seq=1 Ack=23045 Win=49640 Len=0
	40 0.820622	128.119.245.12	192.168.1.102	TCP	60 80 → 1161	[ACK]	Seq=1 Ack=24505 Win=52560 Len=0
	41 0.853186	128.119.245.12	192.168.1.102	TCP	60 80 → 1161	[ACK]	Seq=1 Ack=25397 Win=52560 Len=0
	42 0.853405	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=25397 Ack=1 Win=17520 Len=1460
	43 0.854076	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=26857 Ack=1 Win=17520 Len=1460
	44 0.855036	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=28317 Ack=1 Win=17520 Len=1460
	45 0.855878	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=29777 Ack=1 Win=17520 Len=1460
	46 0.856802	192.168.1.102	128.119.245.12	TCP			Seq=31237 Ack=1 Win=17520 Len=1460
	47 0.857683	192.168.1.102	128.119.245.12	TCP			ACK] Seq=32697 Ack 1 Win=17520 Len=892
	48 0.899423	128.119.245.12	192.168.1.102	TCP	60 80 → 1161	[ACK]	Seq=1 Ack=26857 W.n=55480 en=0
	49 0.949545	128.119.245.12	192.168.1.102	TCP	60 80 → 1161	[ACK]	Seq=1 Ack=28317 Win=58400 Len=0
	50 0.994715	128.119.245.12	192.168.1.102	TCP	60 80 → 1161	[ACK]	Seq=1 Ack=29777 Win=61320 Len=0
	51 1.039820	128.119.245.12	192.168.1.102	TCP	60 80 → 1161	[ACK]	Seq=1 Ack=31237 Win=62780 Len=0
	52 1.117097	128.119.245.12	192.168.1.102	TCP	60 80 → 1161	[ACK]	Seq=1 Ack=33589 Win 62780 Len=0
	53 1.117333	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=33589 Ack=1 Win=17520 Len=1460
	54 1.118133	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=35049 Ack=1 Win=17520 Len=1460
	55 1.119029	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=36509 Ack=1 Win=17520 Len=1460
	56 1.119858	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=37969 Ack=1 Win=17520 Len=1460
	57 1.120902	192.168.1.102	128.119.245.12	TCP			Seq=39429 Ack=1 Win=17520 Len=1460
	58 1.121891	192.168.1.102	128.119.245.12	TCP			ACK] Seq=40889 Ack=1 Win=17520 Len=892
	59 1.200421	128.119.245.12	192.168.1.102	TCP			Seq=1 Ack=35049 Win=62780 Len=0
	60 1.265026	128.119.245.12	192.168.1.102	TCP			Seq=1 Ack=37969 Win=62780 Len=0
	61 1.362074	128.119.245.12	192.168.1.102	TCP			Seq=1 Ack=40889 Win=62780 Len=0
	62 1.389886	128.119.245.12	192.168.1.102	TCP			Seq=1 Ack=41781 Win=62780 Len=0
	63 1.390110	192.168.1.102	128.119.245.12	TCP			Seq=41781 Ack=1 Win=17520 Len=1460
	64 1.390824	192.168.1.102	128.119.245.12	TCP			Seq=43241 Ack=1 Win=17520 Len=1460
	65 1.391683	192.168.1.102	128.119.245.12	TCP			Seq=44701 Ack=1 Win=17520 Len=1460
	66 1.392594	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80	[ACK]	Seq=46161 Ack=1 Win=17520 Len=1460

10. Re-transmitted segments show in the time/sequence graph as a lesser sequence number in respect to its previous and next segment. Because each sequence number increases and does not repeat itself, there are no segments which are re-transmitted.



11. A pattern emerges that 1460 bytes is the typical and most frequent size of data that is acknowledged, however it can vary.

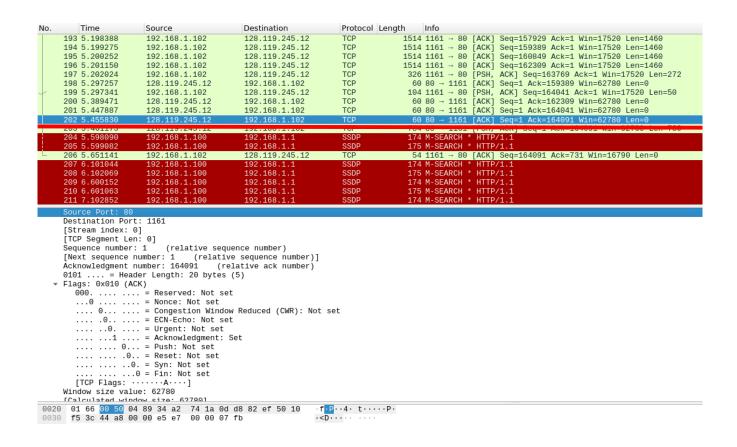
3 0.023265 192.168.1.102 128.119.245.12 TCP 54 1161 - 80 [ACK] Seq=1 Ack=1 Min=17520 Len=0 4 0.026477 192.168.1.102 128.119.245.12 TCP 619 1161 - 80 [PSH, ACK] Seq=1 Ack=1 Min=17520 Len=565 5 0.041737 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [PSH, ACK] Seq=1 Ack=1 Min=17520 Len=1460 6 0.053937 128.119.245.12 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=560 Min=780 Len=9 0.077294 128.119.245.12 192.168.1.102 TCP 1514 1161 - 80 [ACK] Seq=2026 Ack=1 Min=17520 Len=1460 10 0.077405 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20 Min=3760 Len=1460 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=3406 Ack=1 Min=17520 Len=1460 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=3406 Ack=1 Min=17520 Len=1460 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=3406 Ack=1 Min=17520 Len=1460 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=3406 Ack=1 Min=17520 Len=1460 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=3406 Ack=1 Min=17520 Len=1460 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=3406 Ack=1 Min=17520 Len=1460 11 0.078157 192.168.1.102 129.168.1.102 TCP 1514 1161 - 80 [ACK] Seq=3406 Ack=1 Min=17520 Len=1470 11 0.078157 192.168.1.102 129.168.1.102 TCP 1514 1161 - 80 [ACK] Seq=3406 Ack=1 Min=17520 Len=1470 11 0.078157 192.168.1.102 129.168.1.102 TCP 1514 1161 - 80 [ACK] Seq=14ck=406 Min=17520 Len=1470 11 0.078157 192.168.1.102 129.168.1.102 TCP 1514 1161 - 80 [ACK] Seq=14ck=406 Min=17520 Len=1470 11 0.078157 192.168.1.102 129.168.1.102 TCP 1514 1161 - 80 [ACK] Seq=14ck=406 Min=17520 Len=1470 11 0.078157 192.168.1.102 129.168.1.102 TCP 1514 1161 - 80 [ACK] Seq=14ck=406 Min=17520 Len=1470 11 0.078157 192.168.1.102 129.168.1.102 TCP 1514 1161 - 80 [ACK] Seq=14ck=406 Min=17520 Len=1470 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=14ck=406 Min=17520 Len=1470 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=14ck=4							
5 0.041737 192.168.1.192 1192.168.1.192 TCP 60 80 − 1161 [ACK] Seq=266 Ack=1 Win=17520 Len=1460 6 0.053937 128.119.245.12 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=2626 Ack=1 Win=17520 Len=1460 8 0.054690 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=2626 Ack=1 Win=17520 Len=1460 9 0.077294 128.119.245.12 192.168.1.102 TCP 60 80 − 1161 [ACK] Seq=2466 Ack=1 Win=17520 Len=1460 10 0.077405 192.168.1.102 128.119.245.12 TCP 60 80 − 1161 [ACK] Seq=4466 Ack=1 Win=17520 Len=1460 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=4646 Ack=1 Win=17520 Len=1460 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=4646 Ack=1 Win=17520 Len=1460 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=6466 Ack=1 Win=17520 Len=1460 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=6466 Ack=1 Win=17520 Len=1460 11 0.078157 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=1 Ack=366 Win=1650 Len=147 14 0.169118 128.119.245.12 192.168.1.102 TCP 160 80 − 1161 [ACK] Seq=1 Ack=6406 Win=17520 Len=147 14 0.169118 128.119.245.12 192.168.1.102 TCP 160 80 − 1161 [ACK] Seq=1 Ack=6406 Win=17520 Len=147 14 0.169118 128.119.245.12 192.168.1.102 TCP 160 80 − 1161 [ACK] Seq=1 Ack=6406 Win=17520 Len=1460 160.267802 128.119.245.12 192.168.1.102 TCP 160 80 − 1161 [ACK] Seq=1 Ack=6406 Win=17520 Len=1460 190.305813 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=1 Ack=6406 Win=17520 Len=1460 190.305813 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=1 Ack=6406 Win=17520 Len=1460 190.305813 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=1 Ack=6406 Win=17520 Len=1460 190.305813 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=1 Ack=6406 Win=17520 Len=1460 190.305813 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=1 Ack=6406 Win=17520 Len=1460 190.305813 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=1 Ack=6406 Win=17520 Len=1460 190.305809 192.168.1.102 128.119.245.12 TCP 1514 1161 − 8	3 0.023265	192.168.1.102	128.119.245.12				
6 0,053937 128,119,245,12 192,168,1.102 17CP 60 80 - 1161 [ACK] Seq=2 Ack=566 Min=6789 Len=1460 8 0,054690 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=286 Ack=1 Win=17520 Len=1460 9 0,077495 129,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=286 Ack=1 Win=17520 Len=1460 10,077495 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=4946 Ack=1 Win=17520 Len=1460 11 0,077495 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=6496 Ack=1 Win=17520 Len=1460 11 0,077495 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=6496 Ack=1 Win=17520 Len=1460 11 0,077495 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=6496 Ack=1 Win=17520 Len=1460 11 0,077495 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=6496 Ack=1 Win=17520 Len=1460 11 0,078415 192,168,1.102 128,119,245,12 TCP 1201 1161 80 [ACK] Seq=1 Ack=4946 Win=14600 Len=0 16 0,267802 128,119,245,12 192,168,1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=4946 Win=14600 Len=0 16 0,267802 128,119,245,12 192,168,1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=6406 Win=14600 Len=0 16 0,267802 128,119,245,12 192,168,1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=7866 Win=26440 Len=0 18 0,3058040 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=1 Ack=7866 Win=26440 Len=0 18 0,3058040 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=10473 Ack=1 Win=17520 Len=1460 20 0,306692 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=10473 Ack=1 Win=17520 Len=1460 20 0,306692 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=10473 Ack=1 Win=17520 Len=1460 22 0,308699 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=10473 Ack=1 Win=17520 Len=1460 22 0,308699 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=10473 Ack=1 Win=17520 Len=1460 22 0,308699 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=10473 Ack=1 Win=17520 Len=1460 22 0,308699 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Seq=148473 Ack=1 Win=17520 Len=1460 22 0,308699 192,168,1.102 128,119,245,12 TCP 1514 1161 - 80 [ACK] Se		192.168.1.102	128.119.245.12				
7 0.954026 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=2066 Ack=1 Min=17520 Len=1460 9 0.877294 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 LCK) Seq=3.486 Ack=1 Min=17520 Len=1460 10 0.877405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=3.466 Ack=1 Min=17520 Len=1460 11 0.878157 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=3.466 Ack=1 Min=17520 Len=1460 11 0.878157 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=3.466 Ack=1 Min=17520 Len=1460 13 0.12485 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=3.466 Ack=1 Min=17520 Len=1460 13 0.12485 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=3.466 Ack=1 Min=17520 Len=1460 13 0.12485 192.168.1.102 TCP 60 80 - 1161 LCK) Seq=3.466 Ack=1 Min=17520 Len=1460 15 0.217299 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 LCK) Seq=1.4ck=4046 Min=14600 Len=0 15 0.217299 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 LCK) Seq=1.4ck=6406 Min=17520 Len=0 16 0.267802 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 LCK) Seq=1.4ck=6406 Min=17520 Len=1460 19 0.305813 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=1.9ck=7666 Min=2440 Len=0 10 0.305813 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=1.9ck=7666 Min=2440 Len=0 10 0.305813 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=1.9ck=7666 Min=1460 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=1.9ck=7666 Min=1460 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=1.9ck=7666 Min=1460 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=1.9ck=7666 Min=1460 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=1.9ck=7666 Min=1460 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=1.9ck=7666 Min=1460 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=1.9ck=7666 Min=1460 128.119.245.12 TCP 1514 1161 - 80 LCK) Seq=1.9ck=7666 Min=1460 128.119.245.12 TCP 1514 1161 - 80 LCK) Se	5 0.041737	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80 [PSH, A	ACK] Seq=566 Ack=1 Win=17520 Len=1460
8 0.954699 192.168 1.192 128 119 .245 12 17CP 68 80 - 1161 [ACK] Seq=1 ARK=2026 Min=876 6 LaTeU 19 0.077495 192.168 1.102 128 119 .245 12 TCP 68 80 - 1161 [ACK] Seq=1 ARK=2026 Min=876 6 LaTeU 19 0.077495 192.168 1.102 128 119 .245 12 TCP 1514 1161 - 80 [ACK] Seq=3 4946 ACK=1 Min=17520 [an=1469] 19 0.077495 192.168 1.102 128 119 .245 12 TCP 1514 1161 - 80 [ACK] Seq=3 4946 ACK=1 Min=17520 [an=1469] 12 0.12485 192.168 1.102 128 119 .245 12 TCP 68 80 - 1161 [ACK] Seq=3 4946 ACK=1 Min=17520 [an=1469] 13 0.12485 192.168 1.102 128 119 .245 12 TCP 68 80 - 1161 [ACK] Seq=3 ACK=3 4866 Min=14560 [an=0] 13 0.12485 192.168 1.102 129 119 .245 12 TCP 68 80 - 1161 [ACK] Seq=3 ACK=3 4866 ACK=1 Min=17520 [an=1469] 14 0.169118 128 119 .245 12 192.168 1.102 TCP 68 80 - 1161 [ACK] Seq=1 ACK=4646 Min=17520 [an=1477] 14 0.169118 128 119 .245 12 192.168 1.102 TCP 68 80 - 1161 [ACK] Seq=1 ACK=4046 Min=17520 [an=1477] 14 0.169118 128 119 .245 12 192.168 1.102 TCP 68 80 - 1161 [ACK] Seq=1 ACK=7866 Min=17520 [an=1477] 15 0.217299 128 119 .245 12 192.168 1.102 TCP 68 80 - 1161 [ACK] Seq=1 ACK=7866 Min=17520 [an=0] 18 0.395940 192.168 1.102 128 119 .245 12 TCP 68 80 - 1161 [ACK] Seq=1 ACK=7866 Min=17520 [an=0] 18 0.395940 192.168 1.102 128 119 .245 12 TCP 68 80 - 1161 [ACK] Seq=1 ACK=7866 Min=17520 [an=1460] 18 0.395940 192.168 1.102 128 119 .245 12 TCP 1514 1161 - 80 [ACK] Seq=1 9013 ACK=1 Min=17520 [an=1460] 20 0.396692 192.168 1.102 128 119 .245 12 TCP 1514 1161 - 80 [ACK] Seq=1 9013 ACK=1 Min=17520 [an=1460] 20 0.396692 192.168 1.102 128 119 .245 12 TCP 1514 1161 - 80 [ACK] Seq=1 9013 ACK=1 Min=17520 [an=1460] 22 0.396699 192.168 1.102 128 119 .245 12 TCP 1514 1161 - 80 [ACK] Seq=1 9013 ACK=1 Min=17520 [an=1460] 22 0.396699 192.168 1.102 128 119 .245 12 TCP 1514 1161 - 80 [ACK] Seq=1 9013 ACK=1 Min=17520 [an=1460] 22 0.396699 192.168 1.102 128 119 .245 12 TCP 1514 1161 - 80 [ACK] Seq=1 9013 ACK=1 Min=17520 [an=1460] 22 0.396699 192.168 1.102 128 119 .245 12 TCP 1514 1161 - 80 [ACK] Seq=1 ACK=1903 ACK=1 Min=17520 [an=1460] 22 0.396699 19	6 0.053937	128.119.245.12	192.168.1.102	TCP	60 80 → 1161 [ACK] S	Seq=1 Ack=566 Win=6780 Len=0
9 9.977294 128.119.245.12 192.168.1.102 TCP 1514 161. 80 [ACK] Seq=14 Ack=2026 Win=8760 Len=9 110.978157 192.168.1.102 128.119.245.12 TCP 1514 161. 80 [ACK] Seq=346 Ack=1 Win=17520 Len=1460 110.978157 192.168.1.102 128.119.245.12 TCP 1514 161. 80 [ACK] Seq=466 Ack=1 Win=17520 Len=1460 120.124095	7 0.054026	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80 [ACK] S	Seq=2026 Ack=1 Win=17520 Len=1460
10 0.077495	8 0.054690	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80 F	ACK 1 S	Seg=3486 Ack=1 Win=17520 Len=1400
10 0.077495 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=4946 Ack=1 Win=17520 Len=1460 110 0.074157 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 ACK] Seq=4946 Ack=1 Win=17520 Len=1460 120.124185 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 ACK] Seq=1 Ack=3486 Win=11680 Len=0 150.217299 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=3486 Win=14600 Len=0 150.217299 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=3486 Win=17520 Len=0 150.217299 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=3486 Win=17520 Len=0 160.267882 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=3486 Win=17520 Len=0 170.394807 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=3486 Win=17520 Len=0 170.394807 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=3486 Win=17520 Len=0 170.394807 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=313.3 Ack=1 Win=17520 Len=1460 190.395813 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=103.3 Ack=1 Win=17520 Len=1460 190.395813 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1339.3 Ack=1 Win=17520 Len=1460 190.395813 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=3139.3 Ack=1 Win=17520 Len=1460 190.39583 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1339.3 Ack=1 Win=17520 Len=1460 190.39583 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1339.3 Ack=1 Win=17520 Len=3460 190.39583 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1339.3 Ack=1 Win=17520 Len=892 190.39583 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1339.3 Ack=1 Win=17520 Len=892 190.39583 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1339.3 Ack=1 Win=17520 Len=892 190.395843 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1339.3 Ack=1 Win=17520 Len=892 190.395843 192.168.1.102 128.119.245.12 TCP 160 80 - 1161 [ACK] Seq=1 Ack=1493 Win=20200 Len=0 190.576417 128.192.45.12 192.168.1.102 TCP 160 80 - 1161 [ACK] Seq=1 Ack=1493 Win=20200 Len=0 190.576611 190.39	9 0.077294	128.119.245.12	192.168.1.102	TCP	60 80 → 1161 Ī	ACK1 S	Seg=1 Ack=2026 Win=8760 Len=0
11 0.078157 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 (AK) Seq-1406 Ack=1 Win=17520 Len=1450 13 0.124195 192.168.1.102 TCP 60 80 - 1161 (AK) Seq-1 Ack=3498 (Win=14500 Len=0 15 0.217299 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 (AK) Seq-1 Ack=3468 (Win=14500 Len=0 15 0.217299 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 (AK) Seq-1 Ack=3466 Win=14500 Len=0 16 0.267802 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 (AK) Seq-1 Ack=3466 Win=17520 Len=0 17 0.304807 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 (AK) Seq-1 Ack=3466 Win=17520 Len=0 17 0.304807 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 (AK) Seq-1 Ack=366 Win=17520 Len=0 18 0.305040 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [AK] Seq-10473 Ack=1 Win=17520 Len=1460 19 0.305040 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [AK] Seq-10473 Ack=1 Win=17520 Len=1460 20 0.306092 192.108.1.102 128.119.245.12 TCP 1514 1161 - 80 [AK] Seq-10473 Ack=1 Win=17520 Len=1460 22 0.306099 192.108.1.102 128.119.245.12 TCP 1514 1161 - 80 [AK] Seq-14333 Ack=1 Win=17520 Len=1460 22 0.308099 192.108.1.102 128.119.245.12 TCP 1514 1161 - 80 [AK] Seq-14853 Ack=1 Win=17520 Len=1460 22 0.308053 192.108.1.102 128.119.245.12 TCP 1514 1161 - 80 [AK] Seq-14853 Ack=1 Win=17520 Len=1460 22 0.308053 192.108.1.102 128.119.245.12 TCP 1514 1161 - 80 [AK] Seq-14853 Ack=1 Win=17520 Len=1460 22 0.308053 192.108.1.102 128.119.245.12 TCP 946 1161 - 80 [AK] Seq-14853 Ack=1 Win=17520 Len=1460 22 0.308053 192.108.1.102 128.119.245.12 TCP 946 1161 - 80 [AK] Seq-14853 Ack=1 Win=17520 Len=1460 128.000000000000000000000000000000000000				TCP			
12 (9.12485 12) 128.119.245.12 192.168.1.102 1CP 60 80 - 1161 ACK Seq=1 Ack=3486 Win=11680 Len=0 13 (0.124185 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=3496 Win=14720 Len=147 14 (0.169118 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=3496 Win=147600 Len=0 15 (0.267802 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=3406 Win=147520 Len=0 16 (0.267802 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=3406 Win=147520 Len=0 17 (0.304807 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=3606 Win=20440 Len=0 18 (0.308040 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=0913 Ack=1 Win=17520 Len=1460 19 (0.308013 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=10473 Ack=1 Win=17520 Len=1460 20 (0.306022 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=10473 Ack=1 Win=17520 Len=1460 21 (0.307571 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=14853 Ack=1 Win=17520 Len=1460 22 (0.308099 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1393 Ack=1 Win=17520 Len=1460 23 (0.309553 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=14853 Ack=1 Win=17520 Len=1460 23 (0.308099 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=14853 Ack=1 Win=17520 Len=1460 24 (0.365437 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14933 Win=29200 Len=892 25 (0.400164 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14933 Win=29200 Len=892 26 (0.448613 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14953 Win=35040 Len=0 27 (0.500029 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14953 Win=35040 Len=0 29 (0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14953 Win=35040 Len=0 29 (0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14953 Win=35040 Len=0 29 (0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14953 Win=35040 Len=0 29 (0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=							
14 0.169118		128.119.245.12		TCP			
15 0.217299	13 0.124185	192.168.1.102	128.119.245.12	TCP	1201 1161 → 80 [PSH, A	ACK] Seq=7866 Ack=1 Win=17520 Len=1147
16 0.267802	14 0.169118	128.119.245.12	192.168.1.102	TCP	60 80 → 1161 [ACK] S	Seg=1 Ack=4946 Win=14600 Len=0
16 6.267802	15 0.217299	128.119.245.12	192.168.1.102	TCP	60 80 → 1161 [ACK1 S	Seg=1 Ack=6406 Win=17520 Len=0
18 0.305040 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=9013 Ack=1 Win=17520 Len=1460 19 0.305813 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=11933 Ack=1 Win=17520 Len=1460 21 0.3057571 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=11933 Ack=1 Win=17520 Len=1460 21 0.307571 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1393 Ack=1 Win=17520 Len=1460 23 0.309553 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=14853 Ack=1 Win=17520 Len=1460 24 0.355437 128.119.245.12 192.168.1.102 TCP 946 1161 - 80 [PSH, ACK] Seq=16313 Ack=1 Win=17520 Len=892 24 0.355437 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=11933 Win=2920 Len=0 25 0.400164 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14833 Win=29200 Len=0 26 0.448613 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14833 Win=35040 Len=0 28 0.5545052 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=35040 Len=0 29 0.576671 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 30 0.576671 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=17205 Win=37960 Len=0 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1 Ack=17205 Win=37960 Len=0 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21865 Ack=1 Win=17520 Len=1460 10.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21555 Ack=1 Win=17520 Len=1460 10.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21555 Ack=1 Win=17520 Len=1460 10.577395 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21555 Ack=1 Win=17520 Len=1460 10.577395 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21555 Ack=1 Win=17520 Len=1460 10.577395 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21555 Ack=1 Win=17520 Len=1460 10.577395 192.168.1.102 128.119.245.12 TCP 1514 1161	16 0.267802	128.119.245.12	192.168.1.102	TCP	60 80 → 1161 [ACK 1 S	Seg=1 Ack=7866 Win=20440 Len=0
18 0.305040 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=9013 Ack=1 Win=17520 Len=1460 19 0.305813 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=19473 Ack=1 Win=17520 Len=1460 21 0.3057571 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=11933 Ack=1 Win=17520 Len=1460 21 0.307571 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=13933 Ack=1 Win=17520 Len=1460 22 0.308699 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=14853 Ack=1 Win=17520 Len=1460 23 0.309553 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=14853 Ack=1 Win=17520 Len=1460 24 0.356437 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=11933 Min=29200 Len=0 25 0.400164 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14473 Win=26280 Len=0 26 0.448613 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14833 Win=32000 Len=0 28 0.5546052 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=35040 Len=0 28 0.5546052 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=35040 Len=0 29 0.576671 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=37960 Len=0 30 0.576671 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=37960 Len=0 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=37960 Len=0 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1 Ack=14853 Win=37960 Len=0 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1 Ack=14853 Win=37960 Len=0 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21585 Ack=1 Win=17520 Len=1460 10.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=23045 Ack=1 Win=17520 Len=1460 10.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=23045 Ack=1 Win=17520 Len=1460 10.577395 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=23045 Ack=1 Win=17520 Len=1460 10.577395 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=23045 Ack=1 Win=17520 Len=1460 10.577395 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq							
19 0.395813 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=10473 Ack=1 Win=17520 Len=1460 21 0.396591 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=13933 Ack=1 Win=17520 Len=1460 22 0.396599 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=13393 Ack=1 Win=17520 Len=1460 22 0.396599 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=14853 Ack=1 Win=17520 Len=1460 22 0.396599 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [PSH, ACK] Seq=16313 Ack=1 Win=17520 Len=1460 22 0.39653 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [PSH, ACK] Seq=16413 Ack=1 Win=17520 Len=892 24 0.356437 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=10473 Win=26280 Len=0 26 0.448613 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14933 Win=29200 Len=0 27 0.596029 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=35040 Len=0 28 0.55652 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 29 0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 30 0.576671 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 10.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1 Ack=17205 Win=37960 Len=0 10.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=12565 Ack=1 Win=17520 Len=1460 32 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21655 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21655 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21655 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21655 Ack=1 Win=17520 Len=1460 35 0.581074 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21655 Ack=1 Win=17520 Len=1460 36 0.58049 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1 Ack=25855 Ack=1 Win=17520 Len=1460 37 0.672796 128.119.245.12 192.168.1.102 TCP 60 80 -	18 0.305040	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80 F	ACK1 S	Seg=9013 Ack=1 Win=17520 Len=1460
20 0.366692 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=11933 Ack=1 Win=17520 Len=1460 21 0.307571 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=13393 Ack=1 Win=17520 Len=1460 23 0.308699 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=13833 Ack=1 Win=17520 Len=1460 23 0.309553 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [PSH, ACK] Seq=16313 Ack=1 Win=17520 Len=892 24 0.356437 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=10473 Win=26280 Len=0 25 0.400164 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=11933 Win=26280 Len=0 26 0.448613 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=13393 Win=32120 Len=0 27 0.500029 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=13393 Win=32120 Len=0 28 0.545052 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 29 0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 29 0.576671 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 29 0.576671 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 29 0.576671 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 29 0.576671 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1 Ack=16313 Win=37960 Len=1460 31 0.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=17205 Ack=1 Win=17520 Len=1460 33 0.579195 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21258 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21258 Ack=1 Win=17520 Len=1460 36 0.626496 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=21585 Ack=1 Win=17520 Len=1460 39 0.772990 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Ack=1 Win=17520 Len=1460 39 0.730684 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Ack=1 Win=17520 Len=0 39 0.730684 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=2450							
21 0.307571 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=13893 Ack=1 Win=17520 Len=1460 22 0.3080593 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [ACK] Seq=14853 Ack=1 Win=17520 Len=892 24 0.356437 128.119.245.12 192.168.1.102 TCP 946 1161 - 80 [PSH, ACK] Seq=16313 Ack=1 Win=17520 Len=892 24 0.356437 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=10473 Win=26280 Len=0 25 0.400164 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=10473 Win=26280 Len=0 26 0.448613 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=11933 Win=29200 Len=0 27 0.500029 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=35040 Len=0 28 0.545052 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=37960 Len=0 29 0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=37960 Len=0 30 0.576671 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=17205 Win=37960 Len=0 10.577385 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=17205 Win=37960 Len=0 10.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=18665 Ack=1 Win=17520 Len=1460 32 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 33 0.579195 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 35 0.581074 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 36 0.626496 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=18665 Win=4880 Len=0 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=18665 Win=4880 Len=0 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=18665 Win=4880 Len=0 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=18665 Win=4880 Len=0 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=18665 Win=4880 Len=0 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=18665 Win=48800 Len=0 128.119.245.12 TCP 60 80 - 1161							
22 0. 308699 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [ACK] Seq=14853 Ack=1 Win=17520 Len=1460 23 0. 309553 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [PSH, ACK] Seq=16313 Ack=1 Win=17520 Len=892 24 0. 356437 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=10473 Win=26280 Len=0 25 0. 409164 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=11933 Win=29200 Len=0 26 0.448613 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=13933 Win=32120 Len=0 27 0.550029 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=35040 Len=0 28 0.545052 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=37960 Len=0 29 0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=37960 Len=0 30 0.576671 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=17205 Win=37960 Len=0 30 0.576671 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=17205 Win=37960 Len=0 32 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1865 Ack=1 Win=17520 Len=1460 33 0.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21865 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=22305 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=23045 Ack=1 Win=17520 Len=1460 36 0.626496 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=1665 Win=40880 Len=0 37 0.67796 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=2305 Win=3900 Len=0 38 0.770604 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=21525 Win=40800 Len=0 40 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=21525 Win=40800 Len=0 130.677996 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23055 Win=40800 Len=0 130.677990 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23055 Win=40800 Len=0 130.677990 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23055 Win=40700 Len=0 42							
23 0.309553							
24 0.356437 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=10473 Win=26280 Len=0 25 0.400164 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=11933 Win=29200 Len=0 26 0.448613 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=13938 Win=32120 Len=0 27 0.500029 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=35040 Len=0 28 0.545052 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=35040 Len=0 29 0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 29 0.576671 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=17205 Win=37960 Len=0 30 0.576671 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=17205 Win=37960 Len=0 10.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=17205 Ack=1 Win=17520 Len=1460 32 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=17205 Ack=1 Win=17520 Len=1460 33 0.579195 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21655 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21655 Ack=1 Win=17520 Len=1460 35 0.581074 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=24505 Ack=1 Win=17520 Len=1460 36 0.626496 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=40880 Len=0 38 0.730684 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=40880 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=40800 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=30640 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=30640 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20325 Win=30640 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20325 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23537 Win=52560 Len=0 42 0.85							
25 0.400164 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=11933 Win=29200 Len=0 26 0.448613 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=1339 Win=32120 Len=0 27 0.500029 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=35040 Len=0 28 0.545052 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=35040 Len=0 29 0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 29 0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=17205 Win=37960 Len=0 30 0.576671 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1ACK=17205 Win=37960 Len=0 14.05 Seq=1 Ack=17205 Win=37960 Len=0 14.05 Seq=186.1.02 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=18665 Ack=1 Win=17520 Len=1460 14.05 Seq=186.1.02 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=218665 Ack=1 Win=17520 Len=1460 14.05 Seq=186.1.02 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21525 Ack=1 Win=17520 Len=1460 14.05 Seq=186.1.02 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21585 Ack=1 Win=17520 Len=1460 14.05 Seq=186.1.02 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=224505 Ack=1 Win=17520 Len=1460 14.05 Seq=1 Ack=18665 Win=40880 Len=0 14.05 Seq=1 Ack=18665 Win=40880 Len=0 14.05 Seq=1 Ack=18655 Win=40880 Len=0 14.05 Seq=1 Ack=18655 Win=40880 Len=0 14.05 Seq=1 Ack=21585 Win=40880 Len=0 14.05 Seq=1 Ack=21585 Win=40880 Len=0 14.05 Seq=1 Ack=21585 Win=40840 Len=0 14.05 Seq=1 Ack=21585 Win=2560 Len=0 14.05 Seq=1 Ack=25397 Win=52560 Len=0 14.05 Seq=1 Ack=25397 Win=52560 Len=0 14.05 Seq=1 Ack=25397 Win=52560 Len=0 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=1 Ack=25397 Win=52560 Len=0 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=1 Ack=25397 Win=52560 Len=0 1514 1161 - 80 [ACK] Seq=1 Ack=25397 Win=52560 Len=0 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1							
26 0.448613 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=13393 Win=32120 Len=0 27 0.500029 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=325040 Len=0 28 0.545052 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=325040 Len=0 29 0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=325040 Len=0 30 0.576671 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=32506 Len=0 30 0.576671 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=17205 Ack=1 Win=17520 Len=1460 31 0.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=12665 Ack=1 Win=17520 Len=1460 32 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 33 0.579195 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21685 Ack=1 Win=17520 Len=1460 34 0.580449 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=22695 Ack=1 Win=17520 Len=1460 35 0.581074 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [PSH, ACK] Seq=24505 Ack=1 Win=17520 Len=1460 36 0.626496 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=3800 Len=0 38 0.730684 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=3800 Len=0 39 0.772990 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=3800 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1 Ack=23045 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1 Ack=23045 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=25397 Ack=1 Win=17520 Len=1460 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 W							
27 0.500029 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=14853 Win=35040 Len=0 28 0.545052 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 30 0.576671 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 130 0.576671 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=17205 Win=37960 Len=0 14 0.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=17205 Ack=1 Win=17520 Len=1460 14 0.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=18665 Ack=1 Win=17520 Len=1460 130 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21585 Ack=1 Win=17520 Len=1460 130 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21585 Ack=1 Win=17520 Len=1460 130 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=220425 Ack=1 Win=17520 Len=1460 130 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=24505 Ack=1 Win=17520 Len=1460 130 0.578340 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=24505 Ack=1 Win=17520 Len=1460 130 0.626496 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24025 Win=48080 Len=0 130 0.772990 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=21585 Win=48000 Len=0 130 0.772990 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=21585 Win=48000 Len=0 140 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=49640 Len=0 140 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 141 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=25397 Win=52560 Len=0 141 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=25397 Win=52560 Len=0 140 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=25397 Win=52560 Len=0 141 0.853186 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=268							
28 0.545052 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=16313 Win=37960 Len=0 29 0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=17205 Win=37960 Len=0 30 0.576671 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=17205 Ack=1 Win=17520 Len=1460 31 0.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=18665 Ack=1 Win=17520 Len=1460 32 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 33 0.579195 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 35 0.581074 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=24595 Ack=1 Win=17520 Len=1460 36 0.562496 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=18655 Win=40880 Len=0 37 0.672796 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=43800 Len=0 39 0.772990 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=43800 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=2560 Len=0 41 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=24505 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=							
29 0.576417 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 ACK Seq=1 Ack=17205 Win=37960 Len=0 30 0.576671 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=17205 Ack=1 Win=17520 Len=1460 31 0.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=18665 Ack=1 Win=17520 Len=1460 32 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 33 0.579195 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21585 Ack=1 Win=17520 Len=1460 35 0.581074 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=23045 Ack=1 Win=17520 Len=1460 36 0.626496 128.119.245.12 192.168.1.102 TCP 946 1161 - 80 [PSH, ACK] Seq=24505 Ack=1 Win=17520 Len=892 37 0.672796 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=4880 Len=0 38 0.730684 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=4800 Len=0 39 0.772990 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820625 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820625 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 41 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=25397 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460							
30 0.576671 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=17205 Ack=1 Win=17520 Len=1460 31 0.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21865 Ack=1 Win=17520 Len=1460 32 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 33 0.579195 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21685 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=23045 Ack=1 Win=17520 Len=1460 35 0.581074 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [ACK] Seq=234505 Ack=1 Win=17520 Len=1460 36 0.626496 128.119.245.12 192.168.1.102 TCP 946 1161 - 80 [ACK] Seq=24505 Ack=1 Win=17520 Len=892 37 0.672796 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=21656 Win=40880 Len=0 38 0.730684 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=21585 Win=46720 Len=0 49 0.82622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=21585 Win=46720 Len=0 41 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=9640 Len=0 41 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=1 Ack=25397 Win=52560 Len=0 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 L							
31 0.577385 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=18665 Ack=1 Win=17520 Len=1460 32 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 33 0.579195 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 35 0.581074 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [ACK] Seq=23045 Ack=1 Win=17520 Len=1460 35 0.581074 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [PSH, ACK] Seq=24505 Ack=1 Win=17520 Len=892 36 0.626496 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=18655 Win=40880 Len=0 37 0.672796 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=43800 Len=0 38 0.730684 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=21585 Win=46720 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 42 0.853405 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161							
32 0.578329 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=20125 Ack=1 Win=17520 Len=1460 33 0.579195 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=21585 Ack=1 Win=17520 Len=1460 35 0.580149 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=23645 Ack=1 Win=17520 Len=1460 35 0.581074 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [PSH, ACK] Seq=24505 Ack=1 Win=17520 Len=892 36 0.626496 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=18665 Win=40880 Len=0 37 0.672796 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=43800 Len=0 38 0.730684 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=43800 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=25560 Len=0 42 0.853405 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=25397 Ack=1 Win=17520 Len=1460 10 00 20 e0 88 70 1a 00 06 25 da af 73 08 00 45 00							
33 0.579195 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=23045 Ack=1 Win=17520 Len=1460 34 0.580149 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [PSH, ACK] Seq=23045 Ack=1 Win=17520 Len=1460 35 0.581074 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [PSH, ACK] Seq=24505 Ack=1 Win=17520 Len=892 36 0.626496 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=18665 Win=40880 Len=9 37 0.672796 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=210125 Win=43800 Len=0 38 0.730684 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=21685 Win=40720 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=2560 Len=0 41 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=25397 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=25397 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 100 00 00 20 e0 88 70 18 00 06 25 da af 73 08 00 45 00 00 00 00 20 e0 88 70 18 00 06 25 da af 73 08 00 45 00 00 00 00 00 00 00 00 00 00 00 00 00							
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35 0.581074 192.168.1.102 128.119.245.12 TCP 946 1161 - 80 [PSH, ACK] Seq=24505 Ack=1 Win=17520 Len=892 36 0.626496 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=18665 Win=40880 Len=0 37 0.672796 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=43800 Len=0 38 0.772990 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=21656 Win=46720 Len=0 39 0.772990 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=49740 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=64720 Len=0 41 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=52560 Len=0 42 0.853495 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 42 0.853495 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=25397 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 45 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 8							
36 0.626496 128.119.245.12 192.168.1.102 TCP 60 80 → 1161 [ACK] Seq=1 Ack=18665 Win=40880 Len=0 37 0.672796 128.119.245.12 192.168.1.102 TCP 60 80 → 1161 [ACK] Seq=1 Ack=20125 Win=43800 Len=0 38 0.730684 128.119.245.12 192.168.1.102 TCP 60 80 → 1161 [ACK] Seq=1 Ack=21585 Win=46720 Len=0 39 0.772990 128.119.245.12 192.168.1.102 TCP 60 80 → 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 → 1161 [ACK] Seq=1 Ack=23045 Win=52560 Len=0 41 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 → 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 60 80 → 1161 [ACK] Seq=1 Ack=24507 Win=52560 Len=0 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 − 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 100 00 20 e0 8a 70 1a 00 06 25 da af 73 08 00 45 00 · · · · · · · · · · · · · · · · · ·							
37 0.672796 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=20125 Win=43800 Len=0 38 0.730684 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=21585 Win=46720 Len=0 39 0.772990 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 41 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 60 80 - 1161 [ACK] Seq=1 Ack=25397 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460							
38 0.730684 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=21585 Win=46720 Len=0 39 0.772990 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=235945 Win=52560 Len=0 41 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=25397 Win=52560 Len=0 42 0.853495 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=25397 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 10 00 20 e0 88 70 18 00 06 25 da af 73 08 00 45 00							
39 0.772990 128.119.245.12 192.168.1.102 TCP 60 80 → 1161 [ACK] Seq=1 Ack=23045 Win=49640 Len=0 40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 → 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 41 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 → 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 → 80 [ACK] Seq=25397 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 → 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 10 00 20 e0 8a 70 1a 00 06 25 da af 73 08 00 45 00 · · · p · · · % · s · E·							
40 0.820622 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 41 0.853186 128.119.245.12 192.168.1.102 TCP 60 80 - 1161 [ACK] Seq=1 Ack=24505 Win=52560 Len=0 42 0.853495 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=25397 Ack=1 Win=17520 Len=1460 43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 00 00 20 e0 8a 70 1a 00 06 25 da af 73 08 00 45 00p % .s. E-							
41 0.853186							
42 0.853405 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=25397 Ack=1 Win=17520 Len=1460 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 [ACK] Seq=26857 Ack=1 Win=17520 Len=1460 192.168.1.102 192.168							
43 0.854076 192.168.1.102 128.119.245.12 TCP 1514 1161 - 80 ÅCK1 Seg=26857 Ack=1 Win=17520 Len=1460 00 00 20 e0 8a 70 1a 00 06 25 da af 73 08 00 45 00 · · · p · · · % · s · · E ·							
00 00 20 e0 8a 70 1a 00 06 25 da af 73 08 00 <mark>45 00 · · · p··· %··s··</mark> E·							
	43 0.854076	192.168.1.102	128.119.245.12	TCP	1514 1161 → 80 [ACK] S	Seq=26857 Ack=1 Win=17520 Len=1460
NA DA 20 50 74 40 DA 27 DE 62 CO 90 77 FE DC CA 20 ./Ytm.7w							
10 00 20 30 14 40 00 31 00 B3 C3 00 11 13 0C C0 ab . (XCg.1 W	10 00 28 58 74 40) 00 37 06° b3 c9 80	77 f5 0c c0 a8	·(Xt@·7· ···w···			
Internet Protocol Version 4 (ip), 20 bytes Packets	Internet Protoco	ol Version 4 (ip), 20 byte	es .				Packets

11b. Yes, there are several cases where the receiver is ACKing every other received segment. One such example is number 179 acknowledged 2920 bytes. (1460+1460)

N	No.	Time	Source	Destination	Protocol	Length	Info			
		160 4.300300	128.119.245.12	192.168.1.102	TCP					Seq=1 Ack=129541 Win=62780 Len=0
	:	161 4.379826	128.119.245.12	192.168.1.102	TCP	60	80 →	1161	[ACK]	Seq=1 Ack=131893 Win=62780 Len=0
	:	162 4.380034	192.168.1.102	128.119.245.12	TCP					Seq=131893 Ack=1 Win=17520 Len=1460
	:	163 4.380741	192.168.1.102	128.119.245.12	TCP					Seq=133353 Ack=1 Win=17520 Len=1460
	:	164 4.381618	192.168.1.102	128.119.245.12	TCP					Seq=134813 Ack=1 Win=17520 Len=1460
		165 4.382478	192.168.1.102	128.119.245.12	TCP					Seq=136273 Ack=1 Win=17520 Len=1460
	:	166 4.383659	192.168.1.102	128.119.245.12	TCP					Seq=137733 Ack=1 Win=17520 Len=1460
		167 4.384548	192.168.1.102	128.119.245.12	TCP					ACK] Seq=139193 Ack=1 Win=17520 Len=892
		168 4.476833	128.119.245.12	192.168.1.102	TCP					Seq=1 Ack=134813 Win=62780 Len=0
		169 4.575928	128.119.245.12	192.168.1.102	TCP					Seq=1 Ack=137733 Win=62780 Len=0
		170 4.648167	128.119.245.12	192.168.1.102	TCP					Seq=1 Ack=140085 Win=62780 Len=0
		171 4.648386	192.168.1.102	128.119.245.12	TCP					Seq=140085 Ack=1 Win=17520 Len=1460
		172 4.649100	192.168.1.102	128.119.245.12	TCP					Seq=141545 Ack=1 Win=17520 Len=1460
		173 4.649993	192.168.1.102	128.119.245.12	TCP					Seq=143005 Ack=1 Win=17520 Len=1460
		174 4.650926	192.168.1.102	128.119.245.12	TCP					Seq=144465 Ack=1 Win=17520 Len=1460
		175 4.651858	192.168.1.102	128.119.245.12	TCP					Seq=145925 Ack=1 Win=17520 Len=1460
~		176 4.652735	192.168.1.102	128.119.245.12	TCP					ACK] Seq=147385 Ack=1 Win=17520 Len=892
		177 4.747988	128.119.245.12	192.168.1.102	TCP					Seq=1 Ack 110005 Win=62780 Len=0
		178 4.844598	128.119.245.12	192.168.1.102	TCP					Seq=1 Ack=145925 W.n=62780 Len=0
		179 4.920051	128.119.245.12	192.168.1.102	TCP TCP					Seq=1 4ck=148277 W n=62780 Len=0
		180 4.920310 181 4.921025	192.168.1.102 192.168.1.102	128.119.245.12 128.119.245.12	TCP					Seq=148277 Ack=1 Win=17520 Len=1460 Seq=149737 Ack=1 Win=17520 Len=1460
		182 4.921916	192.168.1.102	128.119.245.12	TCP					Seq=151197 Ack=1 Win=17520 Len=1460
		183 4.922820	192.168.1.102	128.119.245.12	TCP					Seq=152657 Ack=1 Win=17520 Len=1460
		184 4.923863	192.168.1.102	128.119.245.12	TCP					Seq=154117 Ack=1 Win=17520 Len=1460
		185 4.924667	192.168.1.102	128.119.245.12	TCP					ACK] Seq=155577 Ack=1 Win=17520 Len=892
	Frame 179: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) Ethernet II, Src: LinksysG_da:af:73 (00:06:25:da:af:73), Dst: Actionte_8a:70:1a (00:20:e0:8a:70:1a) Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.102 Transmission Control Protocol, Src Port: 80, Dst Port: 1161, Seq: 1, Ack: 148277, Len: 0 Source Port: 80									
	[Destination Port:	1161							
		[Stream index: 0]								
	[TCP Segment Len: 0]									
	Sequence number: 1 (relative sequence number)									
	[Next sequence number: 1 (relative sequence number)]									
	Acknowledgment number: 148277 (relative ack number)									
	0101 = Header Length: 20 bytes (5)									
	Flags: 0x010 (ACK)									
	000 = Reserved: Not set									
	0020			8 45 29 50 10 .f.D.	·4· t····	F \ D				
	0020 01 66 00 50 04 89 34 a2 74 1a 0d d8 45 29 50 10 of Pr-4 tE)Pr 0030 f5 3c 82 6e 00 00 bd db 00 00 c2 0d oc vertical control of the con									

12. Throughput = total data/total time

The last acknowledgment has number 164091. The total time from the first acknowledgment at 0.0264 seconds to the last at 5.455 is 5.4286 seconds, therefore the throughput is 164091 bytes/5.4286 seconds = 30227.13 bytes per second.



13. Slowstart begins at 0 and congestion avoidance begins around .1 seconds.

