

# Screenshot of Wireshark capture summary page

## 1. For 10 KB file (File name: file10KB.txt)

- Summary

Wireshark · Capture File Properties · wireshark\_pcapng\_5E9666B7-47EA-498B-88BE-C2BCACC07441\_20160222142925\_a05972

**Details**

Name: C:\Users\ADMINI~1\AppData\Local\Temp\wireshark\_pcapng\_5E9666B7-47EA-498B-88BE-C2BCACC07441\_20160222142925\_a05972  
Length: 87 KB  
Format: Wireshark/... - pcapng  
Encapsulation: Ethernet

**Time**

First packet: 2016-02-22 14:29:26  
Last packet: 2016-02-22 14:30:14  
Elapsed: 00:00:47

**Capture**

Hardware: Unknown  
OS: 32-bit Windows 7 Service Pack 1, build 7601  
Application: Dumpcap (Wireshark) 2.0.1 (v2.0.1-0-g59ea380 from master-2.0)

**Interfaces**

Interface	Dropped packets	Capture filter	Link type	Packet size limit
\Device\NPF_{5E9666B7-47EA-498B-88BE-C2BCACC07441}	Unknown	none	Ethernet	262144 bytes

**Statistics**

Measurement	Captured	Displayed	Marked
Packets	208	49 (23.6%)	N/A
Time span, s	47.672	10.156	N/A
Average pps	4.4	4.8	N/A
Average packet size, B	385.5	259.5	N/A
Bytes	80112	12720 (15.9%)	0
Average bytes/s	1680	1252	N/A
Average bits/s	13 k	10 k	N/A

Capture file comments

Refresh Save Comments Close Copy To Clipboard Help

- Capture log

\*Wireless Network Connection

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

tcp.port == 50123

No.	Time	Source	Destination	Protocol	Length	Info
128	62.351878	134.154.42.98	134.154.190.159	TCP	66	53884 → 50123 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=1 SACK_PERM=1
129	62.354352	134.154.190.159	134.154.42.98	TCP	66	50123 → 53884 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1386 SACK_PERM=1 WS=128
130	62.354478	134.154.42.98	134.154.190.159	TCP	54	53884 → 50123 [ACK] Seq=1 Ack=1 Win=64240 Len=0
131	62.356519	134.154.42.98	134.154.190.159	TCP	58	53884 → 50123 [PSH, ACK] Seq=1 Ack=1 Win=64240 Len=4
132	62.358528	134.154.190.159	134.154.42.98	TCP	56	50123 → 53884 [ACK] Seq=1 Ack=5 Win=5888 Len=0
133	62.359941	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53884 [PSH, ACK] Seq=1 Ack=5 Win=5888 Len=1000
136	62.560438	134.154.42.98	134.154.190.159	TCP	54	53884 → 50123 [ACK] Seq=5 Ack=1001 Win=63240 Len=0
137	62.563244	134.154.190.159	134.154.42.98	TCP	58	50123 → 53884 [PSH, ACK] Seq=1001 Ack=5 Win=5888 Len=4
138	62.762866	134.154.42.98	134.154.190.159	TCP	54	53884 → 50123 [ACK] Seq=5 Ack=1005 Win=63236 Len=0
139	63.472004	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53884 [PSH, ACK] Seq=1005 Ack=5 Win=5888 Len=1000
142	63.670395	134.154.42.98	134.154.190.159	TCP	54	53884 → 50123 [ACK] Seq=5 Ack=2005 Win=64240 Len=0
143	63.672259	134.154.190.159	134.154.42.98	TCP	58	50123 → 53884 [PSH, ACK] Seq=2005 Ack=5 Win=5888 Len=4 [Malformed Packet]
144	63.870353	134.154.42.98	134.154.190.159	TCP	54	53884 → 50123 [ACK] Seq=5 Ack=2009 Win=64236 Len=0
145	64.501971	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53884 [ACK] Seq=2009 Ack=5 Win=5888 Len=1000
149	64.700346	134.154.42.98	134.154.190.159	TCP	54	53884 → 50123 [ACK] Seq=5 Ack=3009 Win=63236 Len=0
150	64.702411	134.154.190.159	134.154.42.98	TCP	58	50123 → 53884 [PSH, ACK] Seq=3009 Ack=5 Win=5888 Len=4
152	64.910302	134.154.42.98	134.154.190.159	TCP	54	53884 → 50123 [ACK] Seq=5 Ack=3013 Win=63232 Len=0
153	65.417836	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53884 [PSH, ACK] Seq=3013 Ack=5 Win=5888 Len=1000
156	65.617885	134.154.42.98	134.154.190.159	TCP	54	53884 → 50123 [ACK] Seq=5 Ack=4013 Win=64240 Len=0
157	65.725331	134.154.190.159	134.154.42.98	TCP	58	50123 → 53884 [PSH, ACK] Seq=4013 Ack=5 Win=5888 Len=4
158	65.925345	134.154.42.98	134.154.190.159	TCP	54	53884 → 50123 [ACK] Seq=5 Ack=4017 Win=64236 Len=0
159	66.442533	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53884 [PSH, ACK] Seq=4017 Ack=5 Win=5888 Len=1000
162	66.650374	134.154.42.98	134.154.190.159	TCP	54	53884 → 50123 [ACK] Seq=5 Ack=5017 Win=63236 Len=0
163	66.654855	134.154.190.159	134.154.42.98	TCP	58	50123 → 53884 [PSH, ACK] Seq=5017 Ack=5 Win=5888 Len=4

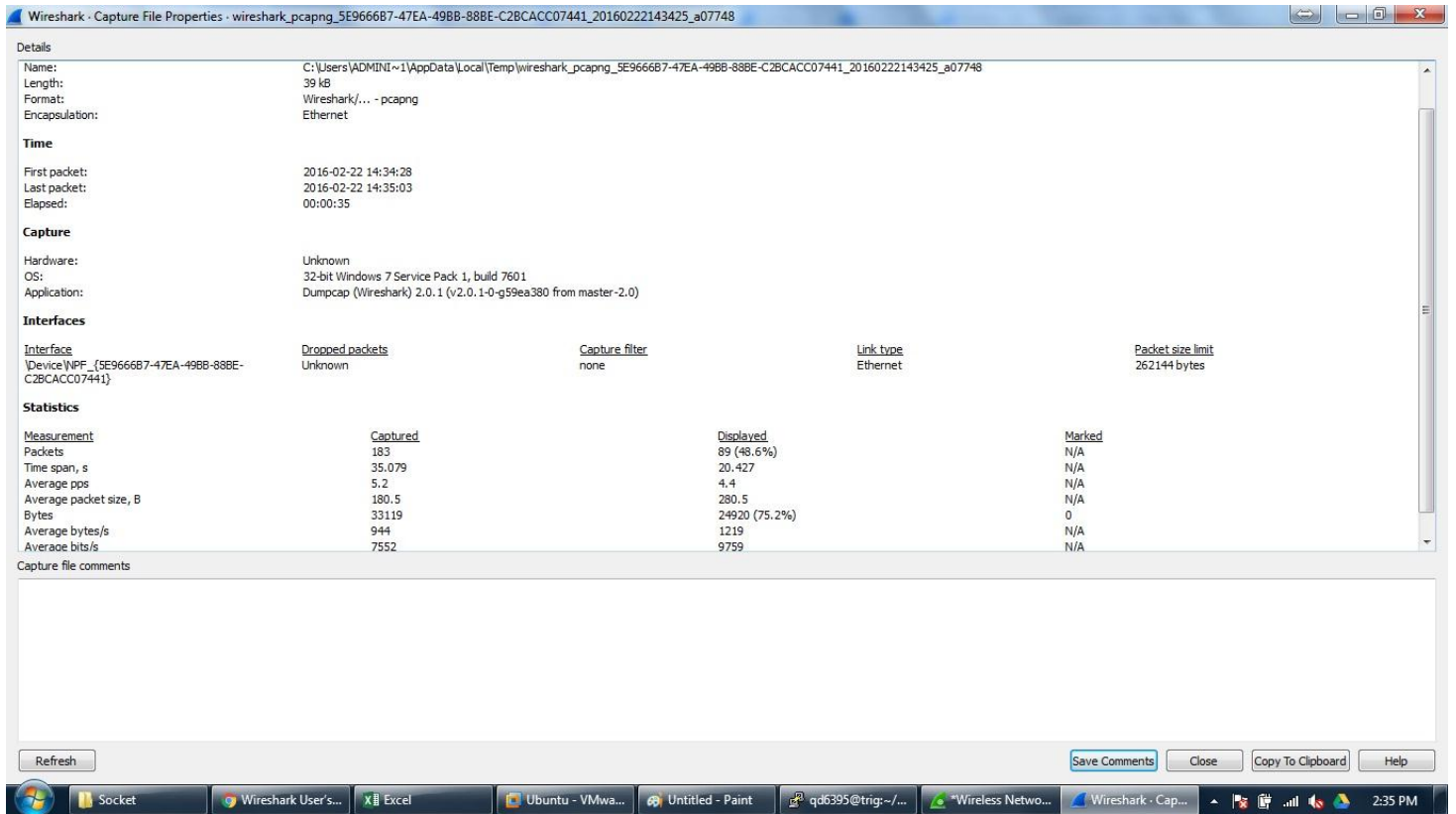
Frame 128: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0  
Ethernet II, Src: HonHaiPr\_27:b1:05 (e0:06:e6:27:b1:05), Dst: Alcatel\_d5:a6:6d (e8:e7:32:d5:a6:6d)  
Internet Protocol Version 4, Src: 134.154.42.98, Dst: 134.154.190.159  
Transmission Control Protocol, Src Port: 53884 (53884), Dst Port: 50123 (50123), Seq: 0, Len: 0

0000 e8 e7 32 d5 a6 6d e0 06 e6 27 b1 05 08 00 45 00 ..2..m..'....E.  
0010 00 34 78 2c 40 00 00 06 8c 61 86 9a 2a 62 86 9a .4x,@... .a..\*b..  
0020 be 9f d2 7c c3 cb 8d 19 fc 03 00 00 00 00 02 ...|.....  
0030 fa f0 5e 8b 00 00 02 04 05 b4 01 03 03 00 01 01 ..^.....  
0040 04 02 ..

Packets: 213 · Displayed: 49 (23.0%) Profile: Default

## 2. For 20 KB file (File name: file20KB.txt)

- Summary



Wireshark - Capture File Properties - wireshark\_pcapng\_5E9666B7-47EA-498B-88BE-C2BACC07441\_20160222143425\_a07748

**Details**

Name: C:\Users\ADMINI~1\AppData\Local\Temp\wireshark\_pcapng\_5E9666B7-47EA-498B-88BE-C2BACC07441\_20160222143425\_a07748  
Length: 39 KB  
Format: Wireshark/... - pcapng  
Encapsulation: Ethernet

**Time**

First packet: 2016-02-22 14:34:28  
Last packet: 2016-02-22 14:35:03  
Elapsed: 00:00:35

**Capture**

Hardware: Unknown  
OS: 32-bit Windows 7 Service Pack 1, build 7601  
Application: Dumpcap (Wireshark) 2.0.1 (v2.0.1-0-g59ea380 from master-2.0)

**Interfaces**

Interface	Dropped packets	Capture filter	Link type	Packet size limit
\Device\NPF_{5E9666B7-47EA-498B-88BE-C2BACC07441}	Unknown	none	Ethernet	262144 bytes

**Statistics**

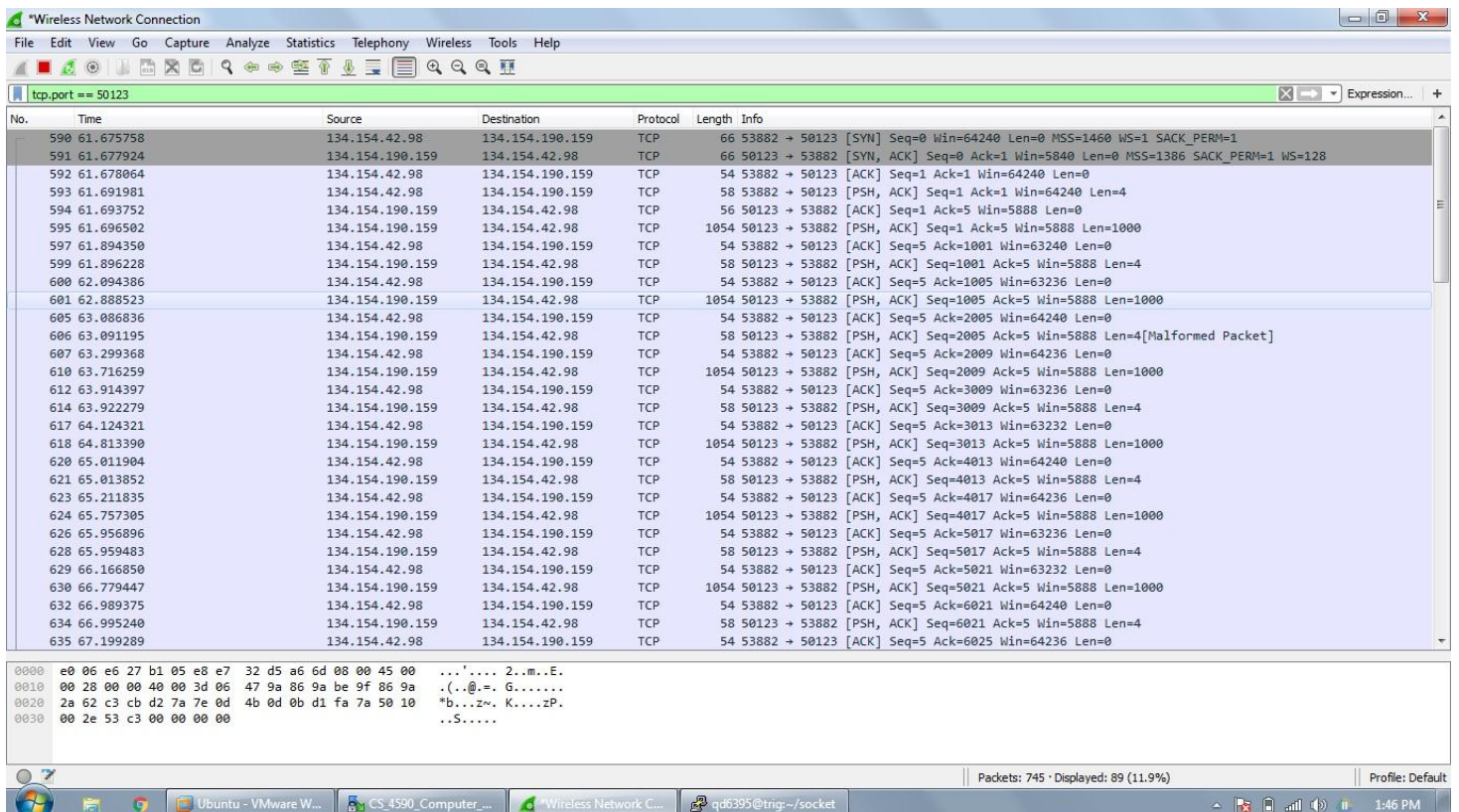
Measurement	Captured	Displayed	Marked
Packets	183	89 (48.6%)	N/A
Time span, s	35.079	20.427	N/A
Average pps	5.2	4.4	N/A
Average packet size, B	180.5	280.5	N/A
Bytes	33119	24920 (75.2%)	0
Average bytes/s	944	1219	N/A
Average bits/s	7552	9759	N/A

Capture file comments

Refresh Save Comments Close Copy To Clipboard Help

Socket Wireshark User's... Excel Ubuntu - VMwa... Untitled - Paint qd6395@trig:~/... Wireless Netwo... Wireshark - Cap... 2:35 PM

- Capture log



\*Wireless Network Connection

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

tcp.port == 50123

No.	Time	Source	Destination	Protocol	Length	Info
590	61.675758	134.154.42.98	134.154.190.159	TCP	66	53882 → 50123 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=1 SACK_PERM=1
591	61.677924	134.154.190.159	134.154.42.98	TCP	66	50123 → 53882 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1386 SACK_PERM=1 WS=128
592	61.678064	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=1 Ack=1 Win=64240 Len=0
593	61.691981	134.154.42.98	134.154.190.159	TCP	58	53882 → 50123 [PSH, ACK] Seq=1 Ack=1 Win=64240 Len=4
594	61.693752	134.154.190.159	134.154.42.98	TCP	56	50123 → 53882 [ACK] Seq=1 Ack=5 Win=5888 Len=0
595	61.696502	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53882 [PSH, ACK] Seq=1 Ack=5 Win=5888 Len=1000
597	61.894350	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=5 Ack=1001 Win=63240 Len=0
599	61.896228	134.154.190.159	134.154.42.98	TCP	58	50123 → 53882 [PSH, ACK] Seq=1001 Ack=5 Win=5888 Len=4
600	62.094386	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=5 Ack=1005 Win=63236 Len=0
601	62.888523	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53882 [PSH, ACK] Seq=1005 Ack=5 Win=5888 Len=1000
605	63.086836	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=5 Ack=2005 Win=64240 Len=0
606	63.091195	134.154.190.159	134.154.42.98	TCP	58	50123 → 53882 [PSH, ACK] Seq=2005 Ack=5 Win=5888 Len=4[Malformed Packet]
607	63.299368	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=5 Ack=2009 Win=64236 Len=0
610	63.716259	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53882 [PSH, ACK] Seq=2009 Ack=5 Win=5888 Len=1000
612	63.914397	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=5 Ack=3009 Win=63236 Len=0
614	63.922279	134.154.190.159	134.154.42.98	TCP	58	50123 → 53882 [PSH, ACK] Seq=3009 Ack=5 Win=5888 Len=4
617	64.124321	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=5 Ack=3013 Win=63232 Len=0
618	64.813390	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53882 [PSH, ACK] Seq=3013 Ack=5 Win=5888 Len=1000
620	65.011904	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=5 Ack=4013 Win=64240 Len=0
621	65.013852	134.154.190.159	134.154.42.98	TCP	58	50123 → 53882 [PSH, ACK] Seq=4013 Ack=5 Win=5888 Len=4
623	65.211835	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=5 Ack=4017 Win=64236 Len=0
624	65.757385	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53882 [PSH, ACK] Seq=4017 Ack=5 Win=5888 Len=1000
626	65.956896	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=5 Ack=5017 Win=63236 Len=0
628	65.959483	134.154.190.159	134.154.42.98	TCP	58	50123 → 53882 [PSH, ACK] Seq=5017 Ack=5 Win=5888 Len=4
629	66.166850	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=5 Ack=5021 Win=63232 Len=0
630	66.779447	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53882 [PSH, ACK] Seq=5021 Ack=5 Win=5888 Len=1000
632	66.989375	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=5 Ack=6021 Win=64240 Len=0
634	66.995240	134.154.190.159	134.154.42.98	TCP	58	50123 → 53882 [PSH, ACK] Seq=6021 Ack=5 Win=5888 Len=4
635	67.199289	134.154.42.98	134.154.190.159	TCP	54	53882 → 50123 [ACK] Seq=5 Ack=6025 Win=64236 Len=0

0000 e0 06 e6 27 b1 05 e8 e7 32 d5 a6 6d 08 00 45 00 ... 2..m..E.  
0010 00 28 00 00 40 00 3d 06 47 9a 86 9a be 9f 86 9a .(.@)=. G.....  
0020 2a 62 c3 cb d2 7a 7e 0d 4b 0d 0b d1 fa 7a 50 10 \*b...z~. K....zP.  
0030 00 2e 53 c3 00 00 00 00 ..S.....

Packets: 745 · Displayed: 89 (11.9%) Profile: Default

Ubuntu - VMware W... CS\_4590\_Computer... Wireless Network C... qd6395@trig:~/socket 1:46 PM



### 3. For 30 KB file (File name: file30KB.txt)

- Summary

Wireshark - Capture File Properties - wireshark\_pcapng\_5E9666B7-47EA-498B-88BE-C2BACCC07441\_20160222143746\_a08080

**Details**

Name: C:\Users\ADMINI~1\AppData\Local\Temp\wireshark\_pcapng\_5E9666B7-47EA-498B-88BE-C2BACCC07441\_20160222143746\_a08080  
Length: 52 KB  
Format: Wireshark/... - pcapng  
Encapsulation: Ethernet

**Time**

First packet: 2016-02-22 14:37:46  
Last packet: 2016-02-22 14:38:30  
Elapsed: 00:00:44

**Capture**

Hardware: Unknown  
OS: 32-bit Windows 7 Service Pack 1, build 7601  
Application: Dumpcap (Wireshark) 2.0.1 (v2.0.1-0-g59ea380 from master-2.0)

**Interfaces**

Interface	Dropped packets	Capture filter	Link type	Packet size limit
\Device\NPF_{5E9666B7-47EA-498B-88BE-C2BACCC07441}	Unknown	none	Ethernet	262144 bytes

**Statistics**

Measurement	Captured	Displayed	Marked
Packets	214	129 (60.3%)	N/A
Time span, s	44.292	30.550	N/A
Average pps	4.8	4.2	N/A
Average packet size, B	211.5	287.5	N/A
Bytes	45165	37120 (82.2%)	0
Average bytes/s	1019	1215	N/A
Average bits/s	8157	9720	N/A

Capture file comments

Refresh Save Comments Close Copy To Clipboard Help

- Capture log

\*Wireless Network Connection

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

tcp.port == 50123

No.	Time	Source	Destination	Protocol	Length	Info
106	28.199099	134.154.42.98	134.154.190.159	TCP	66	53888 → 50123 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=1 SACK_PERM=1
107	28.201103	134.154.190.159	134.154.42.98	TCP	66	50123 → 53888 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1386 SACK_PERM=1 WS=128
108	28.201230	134.154.42.98	134.154.190.159	TCP	54	53888 → 50123 [ACK] Seq=1 Ack=1 Win=64240 Len=0
109	28.211445	134.154.42.98	134.154.190.159	TCP	58	53888 → 50123 [PSH, ACK] Seq=1 Ack=1 Win=64240 Len=4
110	28.213323	134.154.190.159	134.154.42.98	TCP	56	50123 → 53888 [ACK] Seq=1 Ack=5 Win=5888 Len=0
111	28.214991	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53888 [PSH, ACK] Seq=1 Ack=5 Win=5888 Len=1000
113	28.409110	134.154.42.98	134.154.190.159	TCP	54	53888 → 50123 [ACK] Seq=5 Ack=1001 Win=63240 Len=0
114	28.412262	134.154.190.159	134.154.42.98	TCP	58	50123 → 53888 [PSH, ACK] Seq=1001 Ack=5 Win=5888 Len=4
116	28.609115	134.154.42.98	134.154.190.159	TCP	54	53888 → 50123 [ACK] Seq=5 Ack=1005 Win=63236 Len=0
117	29.293587	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53888 [PSH, ACK] Seq=1005 Ack=5 Win=5888 Len=1000
119	29.491676	134.154.42.98	134.154.190.159	TCP	54	53888 → 50123 [ACK] Seq=5 Ack=2005 Win=64240 Len=0
121	29.500836	134.154.190.159	134.154.42.98	TCP	58	50123 → 53888 [PSH, ACK] Seq=2005 Ack=5 Win=5888 Len=4 [Malformed Packet]
122	29.701627	134.154.42.98	134.154.190.159	TCP	54	53888 → 50123 [ACK] Seq=5 Ack=2009 Win=64236 Len=0
123	30.327695	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53888 [PSH, ACK] Seq=2009 Ack=5 Win=5888 Len=1000
125	30.526665	134.154.42.98	134.154.190.159	TCP	54	53888 → 50123 [ACK] Seq=5 Ack=3009 Win=63236 Len=0
127	30.528955	134.154.190.159	134.154.42.98	TCP	58	50123 → 53888 [PSH, ACK] Seq=3009 Ack=5 Win=5888 Len=4
128	30.726595	134.154.42.98	134.154.190.159	TCP	54	53888 → 50123 [ACK] Seq=5 Ack=3013 Win=63232 Len=0
129	31.334692	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53888 [PSH, ACK] Seq=3013 Ack=5 Win=5888 Len=1000
131	31.534156	134.154.42.98	134.154.190.159	TCP	54	53888 → 50123 [ACK] Seq=5 Ack=4013 Win=64240 Len=0
133	31.536756	134.154.190.159	134.154.42.98	TCP	58	50123 → 53888 [PSH, ACK] Seq=4013 Ack=5 Win=5888 Len=4
134	31.736567	134.154.42.98	134.154.190.159	TCP	54	53888 → 50123 [ACK] Seq=5 Ack=4017 Win=64236 Len=0
135	32.358049	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53888 [PSH, ACK] Seq=4017 Ack=5 Win=5888 Len=1000
137	32.556565	134.154.42.98	134.154.190.159	TCP	54	53888 → 50123 [ACK] Seq=5 Ack=5017 Win=63236 Len=0
139	32.560118	134.154.190.159	134.154.42.98	TCP	58	50123 → 53888 [PSH, ACK] Seq=5017 Ack=5 Win=5888 Len=4

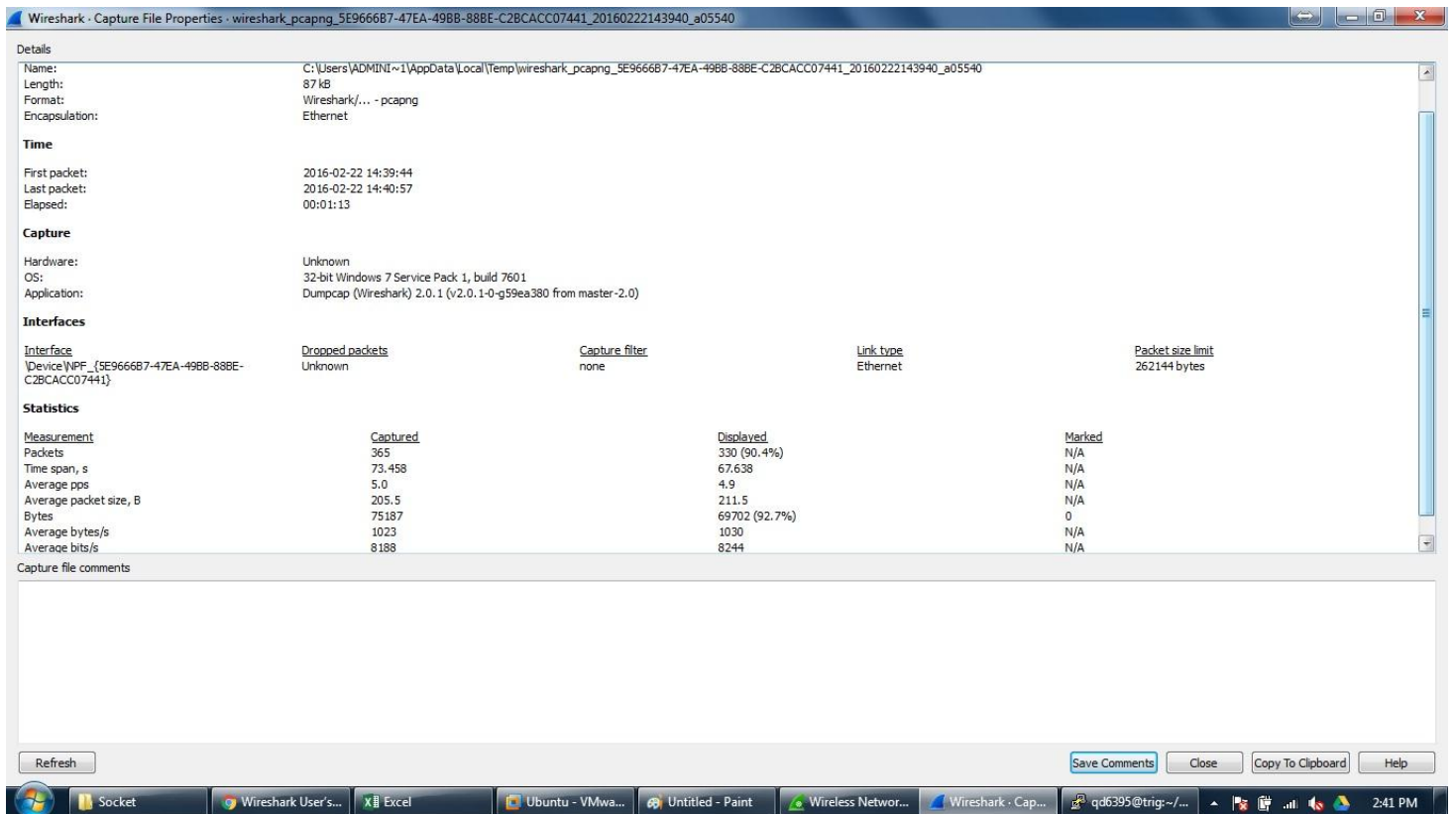
Frame 106: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0  
Ethernet II, Src: HonHaiPr\_27:b1:05 (e0:06:e6:27:b1:05), Dst: Alcatel-d5:a6:6d (e8:e7:32:d5:a6:6d)  
Internet Protocol Version 4, Src: 134.154.42.98, Dst: 134.154.190.159  
Transmission Control Protocol, Src Port: 53888 (53888), Dst Port: 50123 (50123), Seq: 0, Len: 0

0000 e8 e7 32 d5 a6 6d e0 06 e6 27 b1 05 08 00 45 00 ..2..m.. '....E.  
0010 00 34 7a 36 40 00 80 06 8a 57 86 9a 2a 62 86 9a .4z6@... .W..\*b..  
0020 be 9f d2 80 c3 cb 18 9e 65 3f 00 00 00 80 02 ..... e?.....  
0030 fa f0 69 c7 00 00 02 04 05 b4 01 03 03 00 01 01 ..i.....  
0040 04 02 ..

Packets: 304 · Displayed: 129 (42.4%) Profile: Default

## 5. For 40 KB file (File name: file40KB.txt)

- Summary



The screenshot shows the 'Wireshark - Capture File Properties' window for a file named 'wireshark\_pcapng\_5E9666B7-47EA-498B-88BE-C2BACCC07441\_20160222143940\_a05540'. The window is divided into several sections: Details, Time, Capture, Interfaces, and Statistics.

**Details:**

- Name: C:\Users\ADMINI~1\AppData\Local\Temp\wireshark\_pcapng\_5E9666B7-47EA-498B-88BE-C2BACCC07441\_20160222143940\_a05540
- Length: 87 KB
- Format: Wireshark/... - pcapng
- Encapsulation: Ethernet

**Time:**

- First packet: 2016-02-22 14:39:44
- Last packet: 2016-02-22 14:40:57
- Elapsed: 00:01:13

**Capture:**

- Hardware: Unknown
- OS: 32-bit Windows 7 Service Pack 1, build 7601
- Application: Dumpcap (Wireshark) 2.0.1 (v2.0.1-0-g59ea380 from master-2.0)

**Interfaces:**

Interface	Dropped packets	Capture filter	Link type	Packet size limit
\Device\NPF_{5E9666B7-47EA-498B-88BE-C2BACCC07441}	Unknown	none	Ethernet	262144 bytes

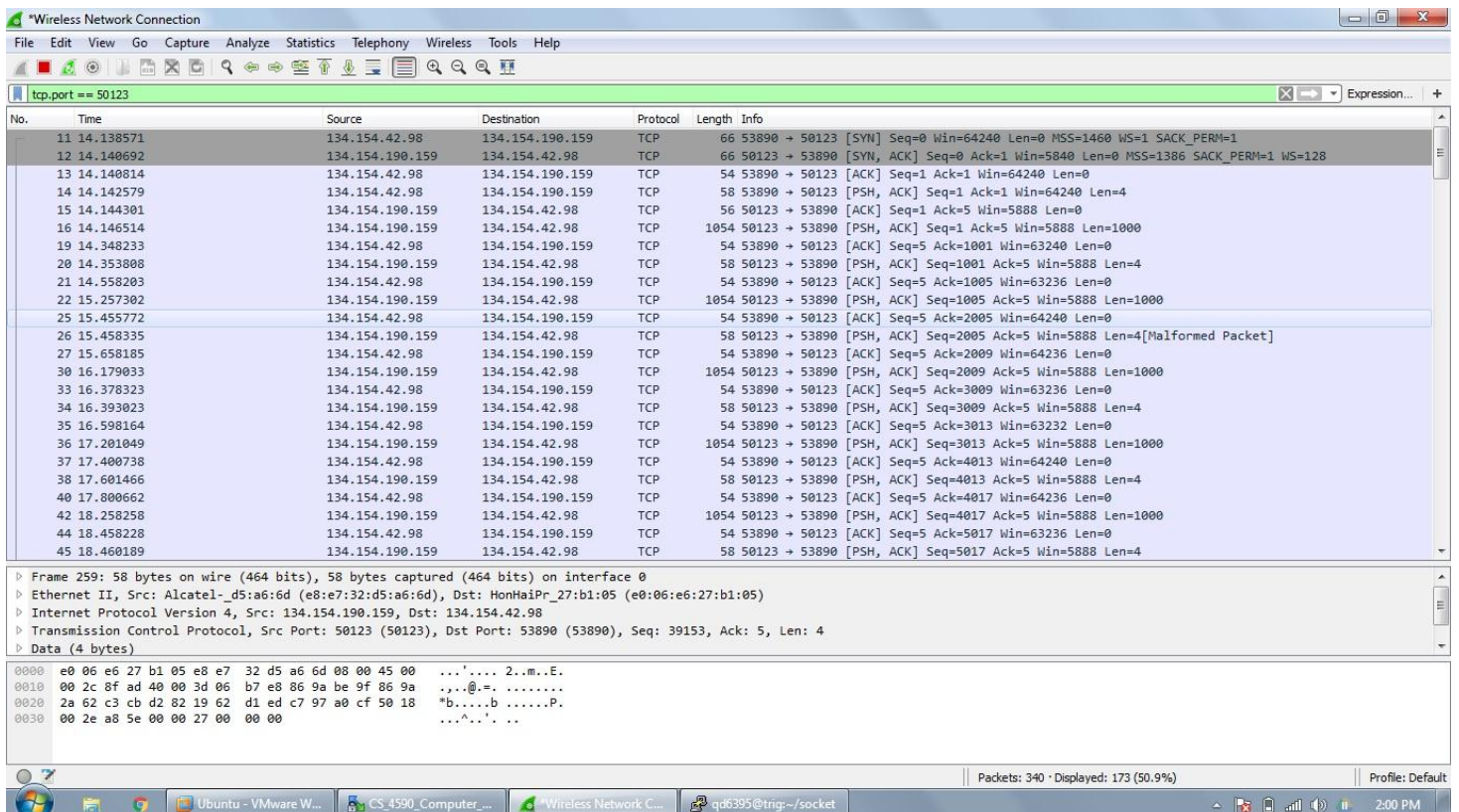
**Statistics:**

Measurement	Captured	Displayed	Marked
Packets	365	330 (90.4%)	N/A
Time span, s	73.458	67.638	N/A
Average pps	5.0	4.9	N/A
Average packet size, B	205.5	211.5	N/A
Bytes	75187	69702 (92.7%)	0
Average bytes/s	1023	1030	N/A
Average bits/s	8188	8244	N/A

**Capture file comments:**

Buttons at the bottom: Refresh, Save Comments, Close, Copy To Clipboard, Help.

- Capture log



The screenshot shows the 'Wireshark - Capture Log' window for a file named 'Wireless Network Connection'. The window displays a list of captured packets with columns for No., Time, Source, Destination, Protocol, Length, and Info.

**Filter:** tcp.port == 50123

No.	Time	Source	Destination	Protocol	Length	Info
11	14.138571	134.154.42.98	134.154.190.159	TCP	66	53890 → 50123 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=1 SACK_PERM=1
12	14.140692	134.154.190.159	134.154.42.98	TCP	66	50123 → 53890 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1386 SACK_PERM=1 WS=128
13	14.140814	134.154.42.98	134.154.190.159	TCP	54	53890 → 50123 [ACK] Seq=1 Ack=1 Win=64240 Len=0
14	14.142579	134.154.42.98	134.154.190.159	TCP	58	53890 → 50123 [PSH, ACK] Seq=1 Ack=1 Win=64240 Len=4
15	14.144301	134.154.190.159	134.154.42.98	TCP	56	50123 → 53890 [ACK] Seq=1 Ack=5 Win=5888 Len=0
16	14.146514	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53890 [PSH, ACK] Seq=1 Ack=5 Win=5888 Len=1000
19	14.348233	134.154.42.98	134.154.190.159	TCP	54	53890 → 50123 [ACK] Seq=5 Ack=1001 Win=63240 Len=0
20	14.353808	134.154.190.159	134.154.42.98	TCP	58	50123 → 53890 [PSH, ACK] Seq=1001 Ack=5 Win=5888 Len=4
21	14.558203	134.154.42.98	134.154.190.159	TCP	54	53890 → 50123 [ACK] Seq=5 Ack=1005 Win=63236 Len=0
22	15.257302	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53890 [PSH, ACK] Seq=1005 Ack=5 Win=5888 Len=1000
25	15.455772	134.154.42.98	134.154.190.159	TCP	54	53890 → 50123 [ACK] Seq=5 Ack=2005 Win=64240 Len=0
26	15.458335	134.154.190.159	134.154.42.98	TCP	58	50123 → 53890 [PSH, ACK] Seq=2005 Ack=5 Win=5888 Len=4[Malformed Packet]
27	15.658185	134.154.42.98	134.154.190.159	TCP	54	53890 → 50123 [ACK] Seq=5 Ack=2009 Win=64236 Len=0
30	16.179033	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53890 [PSH, ACK] Seq=2009 Ack=5 Win=5888 Len=1000
33	16.378323	134.154.42.98	134.154.190.159	TCP	54	53890 → 50123 [ACK] Seq=5 Ack=3009 Win=63236 Len=0
34	16.393023	134.154.190.159	134.154.42.98	TCP	58	50123 → 53890 [PSH, ACK] Seq=3009 Ack=5 Win=5888 Len=4
35	16.598164	134.154.42.98	134.154.190.159	TCP	54	53890 → 50123 [ACK] Seq=5 Ack=3013 Win=63232 Len=0
36	17.201049	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53890 [PSH, ACK] Seq=3013 Ack=5 Win=5888 Len=1000
37	17.400738	134.154.42.98	134.154.190.159	TCP	54	53890 → 50123 [ACK] Seq=5 Ack=4013 Win=64240 Len=0
38	17.601466	134.154.190.159	134.154.42.98	TCP	58	50123 → 53890 [PSH, ACK] Seq=4013 Ack=5 Win=5888 Len=4
40	17.800662	134.154.42.98	134.154.190.159	TCP	54	53890 → 50123 [ACK] Seq=5 Ack=4017 Win=64236 Len=0
42	18.258258	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53890 [PSH, ACK] Seq=4017 Ack=5 Win=5888 Len=1000
44	18.458228	134.154.42.98	134.154.190.159	TCP	54	53890 → 50123 [ACK] Seq=5 Ack=5017 Win=63236 Len=0
45	18.460189	134.154.190.159	134.154.42.98	TCP	58	50123 → 53890 [PSH, ACK] Seq=5017 Ack=5 Win=5888 Len=4

**Packet Details:**

- Frame 259: 58 bytes on wire (464 bits), 58 bytes captured (464 bits) on interface 0
- Ethernet II, Src: Alcatel-ds:a6:6d (e8:e7:32:d5:a6:6d), Dst: HonHaiPr\_27:b1:05 (e0:06:e6:27:b1:05)
- Internet Protocol Version 4, Src: 134.154.190.159, Dst: 134.154.42.98
- Transmission Control Protocol, Src Port: 50123 (50123), Dst Port: 53890 (53890), Seq: 39153, Ack: 5, Len: 4
- Data (4 bytes)

**Packet Bytes:**

```
0000 e0 06 e6 27 b1 05 e8 e7 32 d5 a6 6d 08 00 45 00 ...'.... 2...E.
0010 00 2c 8f ad 40 00 3d 06 b7 e8 86 9a be 9f 86 9a ..@.=. ....
0020 2a 62 c3 cb d2 82 19 62 d1 ed c7 97 a0 cf 50 18 *b....b .....P.
0030 00 2e a8 5e 00 00 27 00 00 00 ...^'. ..
```

Buttons at the bottom: Packets: 340 - Displayed: 173 (50.9%), Profile: Default.



## 6. For 50 KB file (File name: file50KB.txt)

- Summary

Wireshark · Capture File Properties · wireshark\_pcapng\_5E9666B7-47EA-498B-88BE-C2BACCC07441\_20160222144323\_a02200

**Details**

Name: C:\Users\ADMINI~1\AppData\Local\Temp\wireshark\_pcapng\_5E9666B7-47EA-498B-88BE-C2BACCC07441\_20160222144323\_a02200  
Length: 86 kB  
Format: Wireshark/... - pcapng  
Encapsulation: Ethernet

**Time**

First packet: 2016-02-22 14:43:40  
Last packet: 2016-02-22 14:44:56  
Elapsed: 00:01:15

**Capture**

Hardware: Unknown  
OS: 32-bit Windows 7 Service Pack 1, build 7601  
Application: Dumpcap (Wireshark) 2.0.1 (v2.0.1-0-g59ea380 from master-2.0)

**Interfaces**

Interface	Dropped packets	Capture filter	Link type	Packet size limit
\Device\NPF_{5E9666B7-47EA-498B-88BE-C2BACCC07441}	Unknown	none	Ethernet	262144 bytes

**Statistics**

Measurement	Captured	Displayed	Marked
Packets	353	211 (59.8%)	N/A
Time span, s	75.731	50.740	N/A
Average pps	4.7	4.2	N/A
Average packet size, B	211.5	292.5	N/A
Bytes	74675	61644 (82.5%)	0
Average bytes/s	986	1214	N/A
Average bits/s	7888	9719	N/A

Capture file comments

Refresh Save Comments Close Copy To Clipboard Help

Socket Wireshark Us... Excel Ubuntu - VM... Untitled - Paint Wireless Net... Wireshark - C... qd6395@trig:...

- Capture log

\*Wireless Network Connection

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

tcp.port == 50123

No.	Time	Source	Destination	Protocol	Length	Info
249	118.737464	134.154.42.98	134.154.190.159	TCP	66	53893 → 50123 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=1 SACK_PERM=1
250	118.739488	134.154.190.159	134.154.42.98	TCP	66	50123 → 53893 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1386 SACK_PERM=1 WS=128
251	118.739620	134.154.42.98	134.154.190.159	TCP	54	53893 → 50123 [ACK] Seq=1 Ack=1 Win=64240 Len=0
252	118.764945	134.154.42.98	134.154.190.159	TCP	58	53893 → 50123 [PSH, ACK] Seq=1 Ack=1 Win=64240 Len=4
253	118.766764	134.154.190.159	134.154.42.98	TCP	56	50123 → 53893 [ACK] Seq=1 Ack=5 Win=5888 Len=0
254	118.768022	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53893 [PSH, ACK] Seq=1 Ack=5 Win=5888 Len=1000
256	118.964561	134.154.42.98	134.154.190.159	TCP	54	53893 → 50123 [ACK] Seq=5 Ack=1001 Win=63240 Len=0
258	118.966445	134.154.190.159	134.154.42.98	TCP	58	50123 → 53893 [PSH, ACK] Seq=1001 Ack=5 Win=5888 Len=4
259	119.164488	134.154.42.98	134.154.190.159	TCP	54	53893 → 50123 [ACK] Seq=5 Ack=1005 Win=63236 Len=0
261	119.806758	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53893 [PSH, ACK] Seq=1005 Ack=5 Win=5888 Len=1000
263	120.004638	134.154.42.98	134.154.190.159	TCP	54	53893 → 50123 [ACK] Seq=5 Ack=2005 Win=64240 Len=0
264	120.007029	134.154.190.159	134.154.42.98	TCP	58	50123 → 53893 [PSH, ACK] Seq=2005 Ack=5 Win=5888 Len=4 [Malformed Packet]
265	120.206981	134.154.42.98	134.154.190.159	TCP	54	53893 → 50123 [ACK] Seq=5 Ack=2009 Win=64236 Len=0
269	120.830322	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53893 [PSH, ACK] Seq=2009 Ack=5 Win=5888 Len=1000
271	121.039540	134.154.42.98	134.154.190.159	TCP	54	53893 → 50123 [ACK] Seq=5 Ack=3009 Win=63236 Len=0
273	121.041882	134.154.190.159	134.154.42.98	TCP	58	50123 → 53893 [PSH, ACK] Seq=3009 Ack=5 Win=5888 Len=4
274	121.241973	134.154.42.98	134.154.190.159	TCP	54	53893 → 50123 [ACK] Seq=5 Ack=3013 Win=63232 Len=0
275	121.859817	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53893 [PSH, ACK] Seq=3013 Ack=5 Win=5888 Len=1000
277	122.059445	134.154.42.98	134.154.190.159	TCP	54	53893 → 50123 [ACK] Seq=5 Ack=4013 Win=64240 Len=0
279	122.061142	134.154.190.159	134.154.42.98	TCP	58	50123 → 53893 [PSH, ACK] Seq=4013 Ack=5 Win=5888 Len=4
280	122.269464	134.154.42.98	134.154.190.159	TCP	54	53893 → 50123 [ACK] Seq=5 Ack=4017 Win=64236 Len=0
281	122.879651	134.154.190.159	134.154.42.98	TCP	1054	50123 → 53893 [PSH, ACK] Seq=4017 Ack=5 Win=5888 Len=1000
283	123.079532	134.154.42.98	134.154.190.159	TCP	54	53893 → 50123 [ACK] Seq=5 Ack=5017 Win=63236 Len=0
285	123.084495	134.154.190.159	134.154.42.98	TCP	58	50123 → 53893 [PSH, ACK] Seq=5017 Ack=5 Win=5888 Len=4

Frame 249: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0  
Ethernet II, Src: HonHaiPr\_27:b1:05 (e0:06:e6:27:b1:05), Dst: Alcatel-d5:a6:6d (e8:e7:32:d5:a6:6d)  
Internet Protocol Version 4, Src: 134.154.42.98, Dst: 134.154.190.159  
Transmission Control Protocol, Src Port: 53893 (53893), Dst Port: 50123 (50123), Seq: 0, Len: 0

0000 e8 e7 32 d5 a6 6d e0 06 e6 27 b1 05 08 00 45 00 ..2..m..'....E.  
0010 00 34 7d 64 40 00 00 06 87 29 86 9a 2a 62 86 9a .4)d@...'.)\*b..  
0020 be 9f d2 85 c3 cb d5 22 94 84 00 00 00 00 80 02 .....  
0030 fa f0 7d f8 00 00 02 04 05 b4 01 03 03 00 01 01 ..}. ....  
0040 04 02 ..

wireshark\_pcapng\_5E9666B7-47EA-498B-88BE-C2BACCC07441\_20160219140650\_a01304 Packets: 577 · Displayed: 209 (36.2%) Profile: Default

Ubuntu - VMware W... CS\_4590\_Computer... \*Wireless Network C... qd6395@trig:~/socket