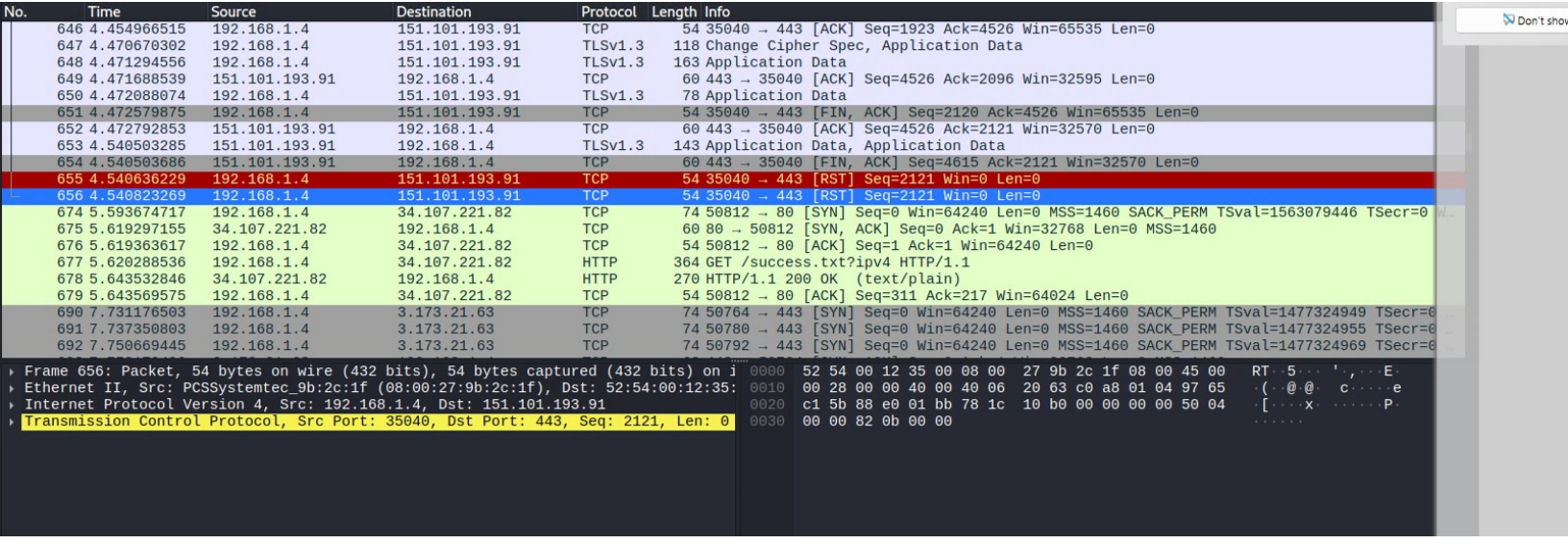
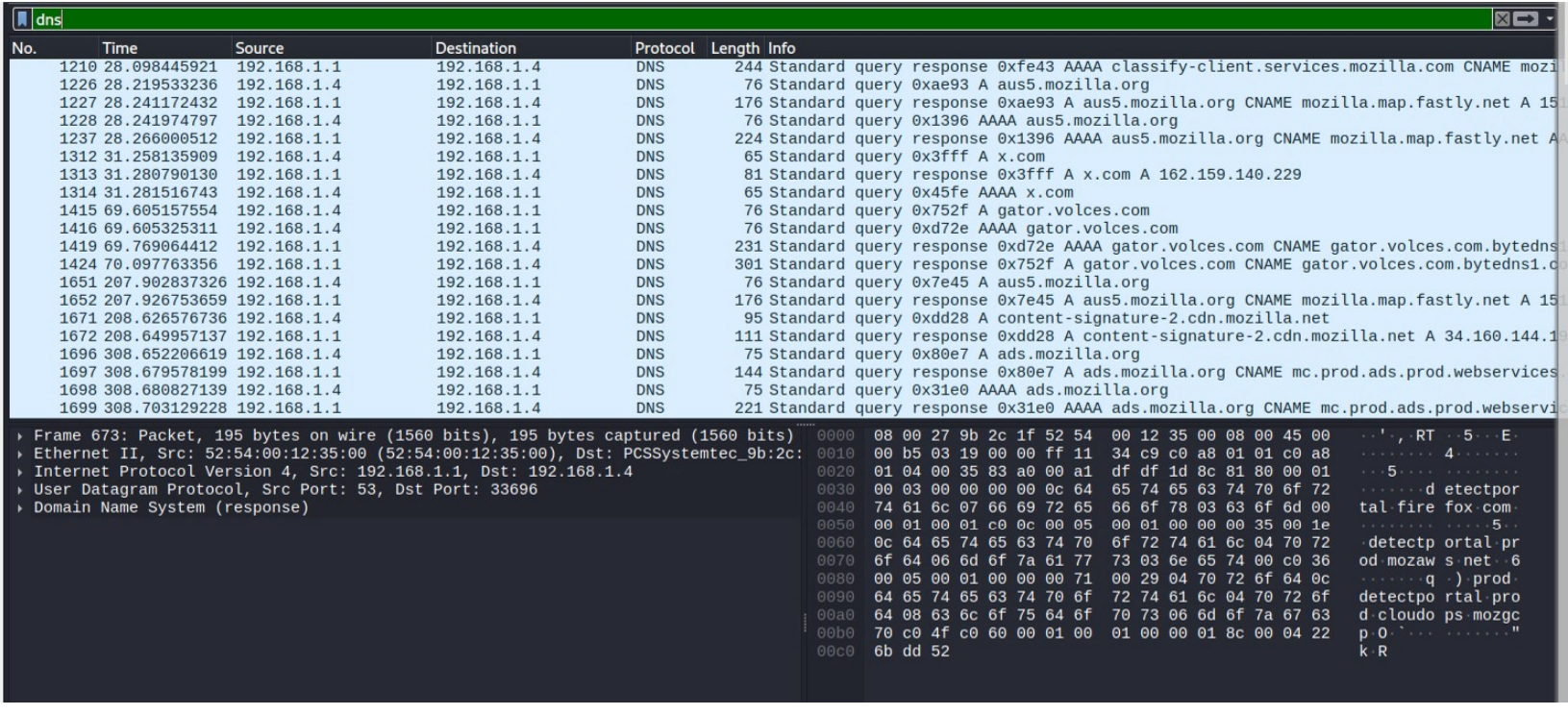
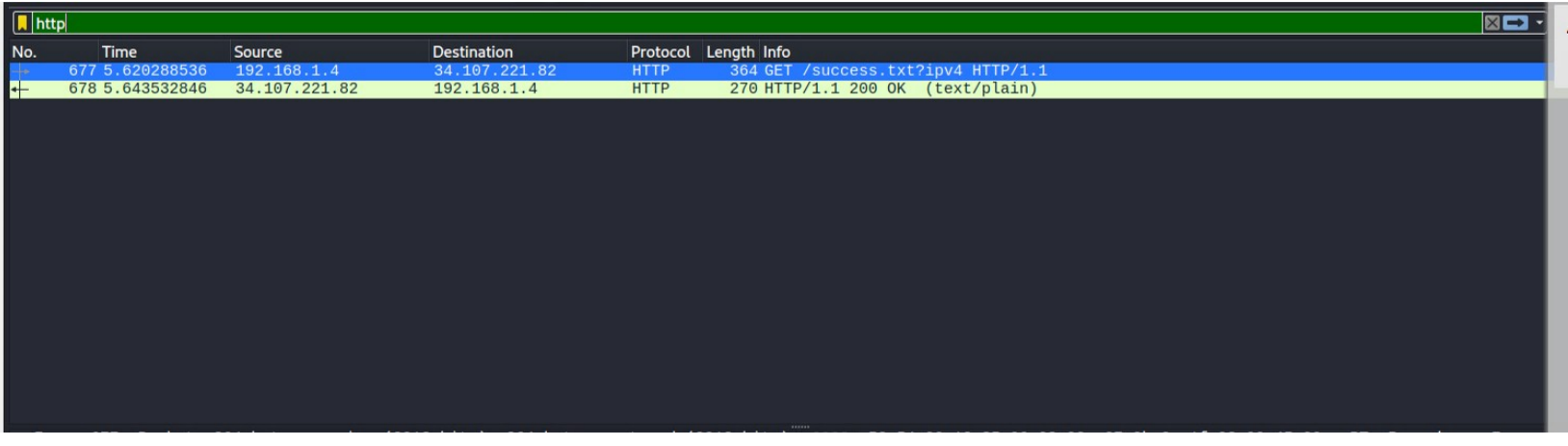
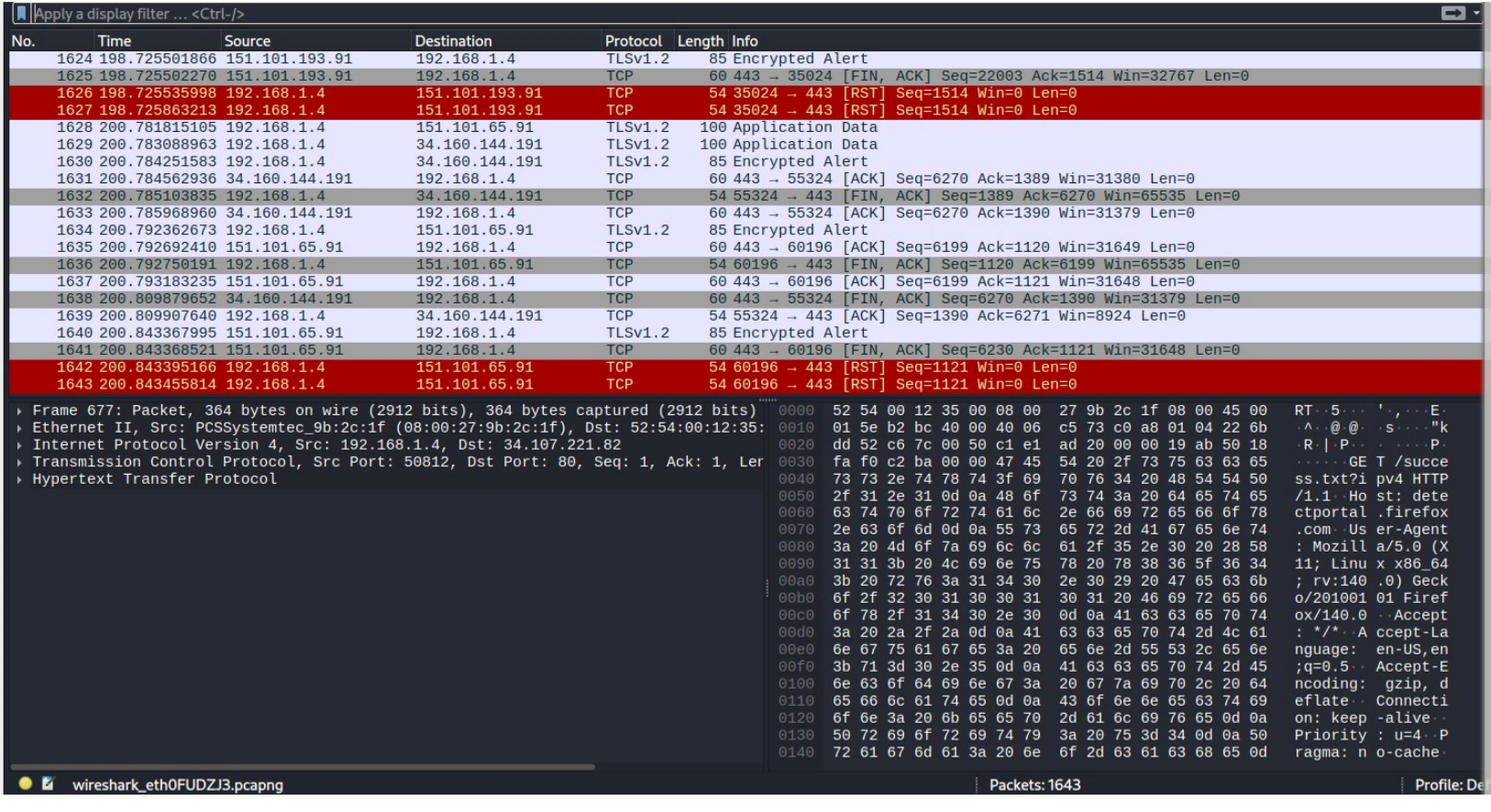
```
┌──(kali㉿vbox)-[~]
└─$ sudo apt install wireshark
[sudo] password for kali:
wireshark is already the newest version (4.6.2-3).
wireshark set to manually installed.
The following packages were automatically installed and are no longer required:
  bloodhound.py  libavformat61           libgav1-1              libmplex2-2.1-0t64  libsphinxbase3t64  linux-image-6.16.8+kali-amd64   pocketsphinx-en-us
  curlftpfs      libconfig-inifiles-perl  libmjpegutils-2.1-0t64  libpocketsphinx3    libswscale8        linux-image-6.17.10+kali-amd64  python3-fs
  libavfilter10  libfuse2t64             libmpeg2encpp-2.1-0t64  libpostproc58       libvdpau-va-gl1    mesa-vdpau-drivers              vdpau-driver-all
Use 'sudo apt autoremove' to remove them.

Summary:
  Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 7

┌──(kali㉿vbox)-[~]
└─$ wireshark
 ** (wireshark:2259) 07:13:10.793123 [Capture MESSAGE] -- Capture Start ...
 ** (wireshark:2259) 07:13:10.988706 [Capture MESSAGE] -- Capture started
 ** (wireshark:2259) 07:13:10.992577 [Capture MESSAGE] -- File: "/tmp/wireshark_eth0FUDZJ3.pcapng"
```


No. Time Source Destination Protocol Length Info
646 4.454966515 192.168.1.4 151.101.193.91 TCP 54 35040 → 443 [ACK] Seq=1923 Ack=4526 Win=65535 Len=0
647 4.470670302 192.168.1.4 151.101.193.91 TLSv1.3 118 Change Cipher Spec, Application Data
648 4.471294556 192.168.1.4 151.101.193.91 TLSv1.3 163 Application Data
649 4.471688539 151.101.193.91 192.168.1.4 TCP 60 443 → 35040 [ACK] Seq=4526 Ack=2096 Win=32595 Len=0
650 4.472088074 192.168.1.4 151.101.193.91 TLSv1.3 78 Application Data
651 4.472579875 192.168.1.4 151.101.193.91 TCP 54 35040 → 443 [FIN, ACK] Seq=2120 Ack=4526 Win=65535 Len=0
652 4.472792853 151.101.193.91 192.168.1.4 TCP 60 443 → 35040 [ACK] Seq=4526 Ack=2121 Win=32570 Len=0
653 4.540503285 151.101.193.91 192.168.1.4 TLSv1.3 143 Application Data, Application Data
654 4.540503686 151.101.193.91 192.168.1.4 TCP 60 443 → 35040 [FIN, ACK] Seq=4615 Ack=2121 Win=32570 Len=0
655 4.540636229 192.168.1.4 151.101.193.91 TCP 54 35040 → 443 [RST] Seq=2121 Win=0 Len=0
656 4.540823269 192.168.1.4 151.101.193.91 TCP 54 35040 → 443 [RST] Seq=2121 Win=0 Len=0
674 5.593674717 192.168.1.4 34.107.221.82 TCP 74 50812 → 80 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 SACK_PERM TSval=1563079446 TSecr=0
675 5.619297155 34.107.221.82 192.168.1.4 TCP 60 80 → 50812 [SYN, ACK] Seq=0 Ack=1 Win=32768 Len=0 MSS=1460
676 5.619363617 192.168.1.4 34.107.221.82 TCP 54 50812 → 80 [ACK] Seq=1 Ack=1 Win=64240 Len=0
677 5.620288536 192.168.1.4 34.107.221.82 HTTP 364 GET /success.txt?ipv4 HTTP/1.1
678 5.643532846 34.107.221.82 192.168.1.4 HTTP 270 HTTP/1.1 200 OK (text/plain)
679 5.643569575 192.168.1.4 34.107.221.82 TCP 54 50812 → 80 [ACK] Seq=311 Ack=217 Win=64024 Len=0
690 7.731176503 192.168.1.4 3.173.21.63 TCP 74 50764 → 443 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 SACK_PERM TSval=1477324949 TSecr=0
691 7.737350803 192.168.1.4 3.173.21.63 TCP 74 50780 → 443 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 SACK_PERM TSval=1477324955 TSecr=0
692 7.750669445 192.168.1.4 3.173.21.63 TCP 74 50792 → 443 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 SACK_PERM TSval=1477324969 TSecr=0
Frame 656: Packet, 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on i
Ethernet II, Src: PCSSystemtec_9b:2c:1f (08:00:27:9b:2c:1f), Dst: 52:54:00:12:35:
Internet Protocol Version 4, Src: 192.168.1.4, Dst: 151.101.193.91
Transmission Control Protocol, Src Port: 35040, Dst Port: 443, Seq: 2121, Len: 0
0000 52 54 00 12 35 00 08 00 27 9b 2c 1f 08 00 45 00 RT··5··· '·,···E·
0010 00 28 00 00 40 00 40 06 20 63 c0 a8 01 04 97 65 ·(··@·@· c·····e
0020 c1 5b 88 e0 01 bb 78 1c 10 b0 00 00 00 00 50 04 ·[····x· ·····P·
0030 00 00 82 0b 00 00 ····


dns
No. Time Source Destination Protocol Length Info
1210 28.098445921 192.168.1.1 192.168.1.4 DNS 244 Standard query response 0xfe43 AAAA classify-client.services.mozilla.com CNAME mozi
1226 28.219533236 192.168.1.4 192.168.1.1 DNS 76 Standard query 0xae93 A aus5.mozilla.org
1227 28.241172432 192.168.1.1 192.168.1.4 DNS 176 Standard query response 0xae93 A aus5.mozilla.org CNAME mozilla.map.fastly.net A 151
1228 28.241974797 192.168.1.4 192.168.1.1 DNS 76 Standard query 0x1396 AAAA aus5.mozilla.org
1237 28.266000512 192.168.1.1 192.168.1.4 DNS 224 Standard query response 0x1396 AAAA aus5.mozilla.org CNAME mozilla.map.fastly.net A
1312 31.258135909 192.168.1.4 192.168.1.1 DNS 65 Standard query 0x3fff A x.com
1313 31.280790130 192.168.1.1 192.168.1.4 DNS 81 Standard query response 0x3fff A x.com A 162.159.140.229
1314 31.281516743 192.168.1.4 192.168.1.1 DNS 65 Standard query 0x45fe AAAA x.com
1415 69.605157554 192.168.1.4 192.168.1.1 DNS 76 Standard query 0x752f A gator.volces.com
1416 69.605325311 192.168.1.4 192.168.1.1 DNS 76 Standard query 0xd72e AAAA gator.volces.com
1419 69.769064412 192.168.1.1 192.168.1.4 DNS 231 Standard query response 0xd72e AAAA gator.volces.com CNAME gator.volces.com.bytedns
1424 70.097763356 192.168.1.1 192.168.1.4 DNS 301 Standard query response 0x752f A gator.volces.com CNAME gator.volces.com.bytedns1.c
1651 207.902837326 192.168.1.4 192.168.1.1 DNS 76 Standard query 0x7e45 A aus5.mozilla.org
1652 207.926753659 192.168.1.1 192.168.1.4 DNS 176 Standard query response 0x7e45 A aus5.mozilla.org CNAME mozilla.map.fastly.net A 151
1671 208.626576736 192.168.1.4 192.168.1.1 DNS 95 Standard query 0xdd28 A content-signature-2.cdn.mozilla.net
1672 208.649957137 192.168.1.1 192.168.1.4 DNS 111 Standard query response 0xdd28 A content-signature-2.cdn.mozilla.net A 34.160.144.1
1696 308.652206619 192.168.1.4 192.168.1.1 DNS 75 Standard query 0x80e7 A ads.mozilla.org
1697 308.679578199 192.168.1.1 192.168.1.4 DNS 144 Standard query response 0x80e7 A ads.mozilla.org CNAME mc.prod.ads.prod.webservices
1698 308.680827139 192.168.1.4 192.168.1.1 DNS 75 Standard query 0x31e0 AAAA ads.mozilla.org
1699 308.703129228 192.168.1.1 192.168.1.4 DNS 221 Standard query response 0x31e0 AAAA ads.mozilla.org CNAME mc.prod.ads.prod.webservi
Frame 673: Packet, 195 bytes on wire (1560 bits), 195 bytes captured (1560 bits)
Ethernet II, Src: 52:54:00:12:35:00 (52:54:00:12:35:00), Dst: PCSSystemtec_9b:2c:
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.4
User Datagram Protocol, Src Port: 53, Dst Port: 33696
Domain Name System (response)
0000 08 00 27 9b 2c 1f 52 54 00 12 35 00 08 00 45 00
0010 00 b5 03 19 00 00 ff 11 34 c9 c0 a8 01 01 c0 a8
0020 01 04 00 35 83 a0 00 a1 df df 1d 8c 81 80 00 01
0030 00 03 00 00 00 00 0c 64 65 74 65 63 74 70 6f 72
0040 74 61 6c 07 66 69 72 65 66 6f 78 03 63 6f 6d 00
0050 00 01 00 01 c0 0c 00 05 00 01 00 00 00 35 00 1e
0060 0c 64 65 74 65 63 74 70 6f 72 74 61 6c 04 70 72
0070 6f 64 06 6d 6f 7a 61 77 73 03 6e 65 74 00 c0 36
0080 00 05 00 01 00 00 00 71 00 29 04 70 72 6f 64 0c
0090 64 65 74 65 63 74 70 6f 72 74 61 6c 04 70 72 6f
00a0 64 08 63 6c 6f 75 64 6f 70 73 06 6d 6f 7a 67 63
00b0 70 c0 4f c0 60 00 01 00 01 00 00 01 8c 00 04 22
00c0 6b dd 52


http
No. Time Source Destination Protocol Length Info
677 5.620288536 192.168.1.4 34.107.221.82 HTTP 364 GET /success.txt?ipv4 HTTP/1.1
678 5.643532846 34.107.221.82 192.168.1.4 HTTP 270 HTTP/1.1 200 OK (text/plain)


Apply a display filter … <Ctrl-/>
No. Time Source Destination Protocol Length Info
1624 198.725501866 151.101.193.91 192.168.1.4 TLSv1.2 85 Encrypted Alert
1625 198.725502270 151.101.193.91 192.168.1.4 TCP 60 443 → 35024 [FIN, ACK] Seq=22003 Ack=1514 Win=32767 Len=0
1626 198.725535998 192.168.1.4 151.101.193.91 TCP 54 35024 → 443 [RST] Seq=1514 Win=0 Len=0
1627 198.725863213 192.168.1.4 151.101.193.91 TCP 54 35024 → 443 [RST] Seq=1514 Win=0 Len=0
1628 200.781815105 192.168.1.4 151.101.65.91 TLSv1.2 100 Application Data
1629 200.783088963 192.168.1.4 34.160.144.191 TLSv1.2 100 Application Data
1630 200.784251583 192.168.1.4 34.160.144.191 TLSv1.2 85 Encrypted Alert
1631 200.784562936 34.160.144.191 192.168.1.4 TCP 60 443 → 55324 [ACK] Seq=6270 Ack=1389 Win=31380 Len=0
1632 200.785103835 192.168.1.4 34.160.144.191 TCP 54 55324 → 443 [FIN, ACK] Seq=1389 Ack=6270 Win=65535 Len=0
1633 200.785968960 34.160.144.191 192.168.1.4 TCP 60 443 → 55324 [ACK] Seq=6270 Ack=1390 Win=31379 Len=0
1634 200.792362673 192.168.1.4 151.101.65.91 TLSv1.2 85 Encrypted Alert
1635 200.792692410 151.101.65.91 192.168.1.4 TCP 60 443 → 60196 [ACK] Seq=6199 Ack=1120 Win=31649 Len=0
1636 200.792750191 192.168.1.4 151.101.65.91 TCP 54 60196 → 443 [FIN, ACK] Seq=1120 Ack=6199 Win=65535 Len=0
1637 200.793183235 151.101.65.91 192.168.1.4 TCP 60 443 → 60196 [ACK] Seq=6199 Ack=1121 Win=31648 Len=0
1638 200.809879652 34.160.144.191 192.168.1.4 TCP 60 443 → 55324 [FIN, ACK] Seq=6270 Ack=1390 Win=31379 Len=0
1639 200.809907640 192.168.1.4 34.160.144.191 TCP 54 55324 → 443 [ACK] Seq=1390 Ack=6271 Win=8924 Len=0
1640 200.843367995 151.101.65.91 192.168.1.4 TLSv1.2 85 Encrypted Alert
1641 200.843368521 151.101.65.91 192.168.1.4 TCP 60 443 → 60196 [FIN, ACK] Seq=6230 Ack=1121 Win=31648 Len=0
1642 200.843395166 192.168.1.4 151.101.65.91 TCP 54 60196 → 443 [RST] Seq=1121 Win=0 Len=0
1643 200.843455814 192.168.1.4 151.101.65.91 TCP 54 60196 → 443 [RST] Seq=1121 Win=0 Len=0
Frame 677: Packet, 364 bytes on wire (2912 bits), 364 bytes captured (2912 bits)
Ethernet II, Src: PCSSystemtec_9b:2c:1f (08:00:27:9b:2c:1f), Dst: 52:54:00:12:35:
Internet Protocol Version 4, Src: 192.168.1.4, Dst: 34.107.221.82
Transmission Control Protocol, Src Port: 50812, Dst Port: 80, Seq: 1, Ack: 1, Ler
Hypertext Transfer Protocol
0000 52 54 00 12 35 00 08 00 27 9b 2c 1f 08 00 45 00 RT··5··· '·,···E·
0010 01 5e b2 bc 40 00 40 06 c5 73 c0 a8 01 04 22 6b ·^··@·@· ·s····"k
0020 dd 52 c6 7c 00 50 c1 e1 ad 20 00 00 19 ab 50 18 ·R·|·P·· ····P·
0030 fa f0 c2 ba 00 00 47 45 54 20 2f 73 75 63 63 65 ····GE T /succe
0040 73 73 2e 74 78 74 3f 69 70 76 34 20 48 54 54 50 ss.txt?i pv4 HTTP
0050 2f 31 2e 31 0d 0a 48 6f 73 74 3a 20 64 65 74 65 /1.1··Ho st: dete
0060 63 74 70 6f 72 74 61 6c 2e 66 69 72 65 66 6f 78 ctportal .firefox
0070 2e 63 6f 6d 0d 0a 55 73 65 72 2d 41 67 65 6e 74 .com··Us er-Agent
0080 3a 20 4d 6f 7a 69 6c 6c 61 2f 35 2e 30 20 28 58 : Mozill a/5.0 (X
0090 31 31 3b 20 4c 69 6e 75 78 20 78 38 36 5f 36 34 11; Linu x x86_64
00a0 3b 20 72 76 3a 31 34 30 2e 30 29 20 47 65 63 6b ; rv:140 .0) Geck
00b0 6f 2f 32 30 31 30 30 31 30 31 20 46 69 72 65 66 o/201001 01 Firef
00c0 6f 78 2f 31 34 30 2e 30 0d 0a 41 63 63 65 70 74 ox/140.0 ··Accept
00d0 3a 20 2a 2f 2a 0d 0a 41 63 63 65 70 74 2d 4c 61 : */*··A ccept-La
00e0 6e 67 75 61 67 65 3a 20 65 6e 2d 55 53 2c 65 6e nguage: en-US,en
00f0 3b 71 3d 30 2e 35 0d 0a 41 63 63 65 70 74 2d 45 ;q=0.5·· Accept-E
0100 6e 63 6f 64 69 6e 67 3a 20 67 7a 69 70 2c 20 64 ncoding: gzip, d
0110 65 66 6c 61 74 65 0d 0a 43 6f 6e 6e 65 63 74 69 eflate·· Connecti
0120 6f 6e 3a 20 6b 65 65 70 2d 61 6c 69 76 65 0d 0a on: keep -alive··
0130 50 72 69 6f 72 69 74 79 3a 20 75 3d 34 0d 0a 50 Priority : u=4··P
0140 72 61 67 6d 61 3a 20 6e 6f 2d 63 61 63 68 65 0d ragma: n o-cache·
wireshark_eth0FUDZJ3.pcapng
Packets: 1643
Profile: De