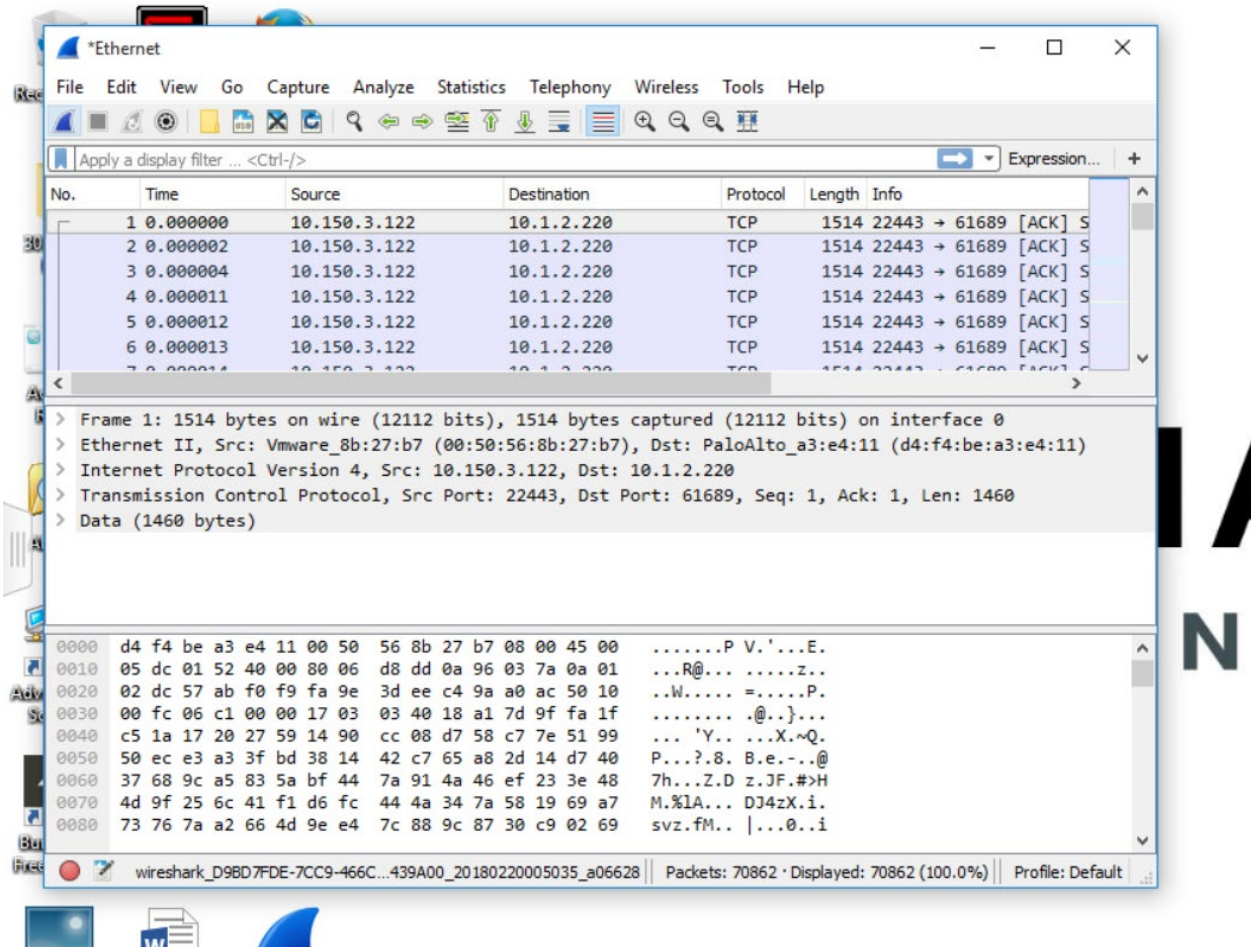
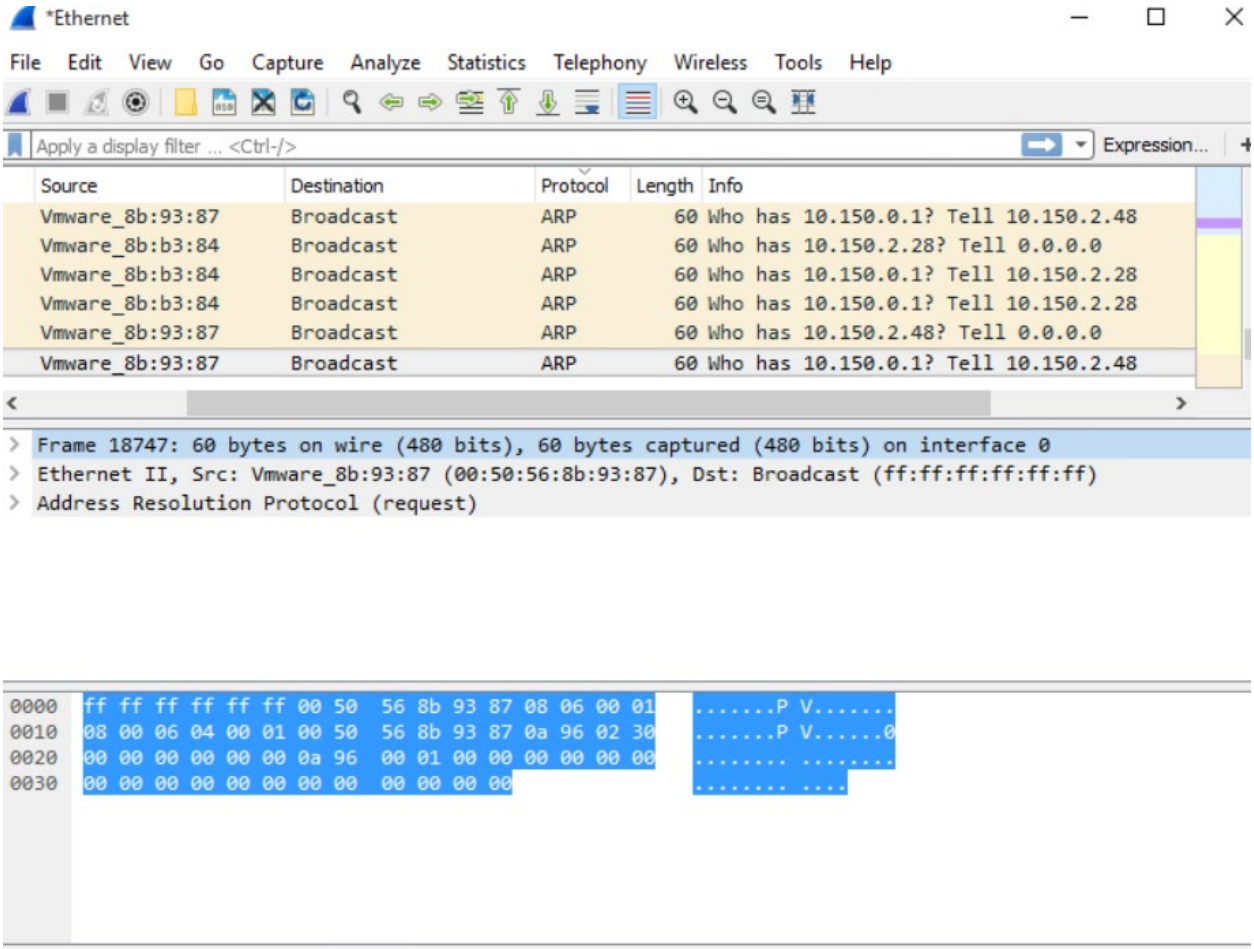
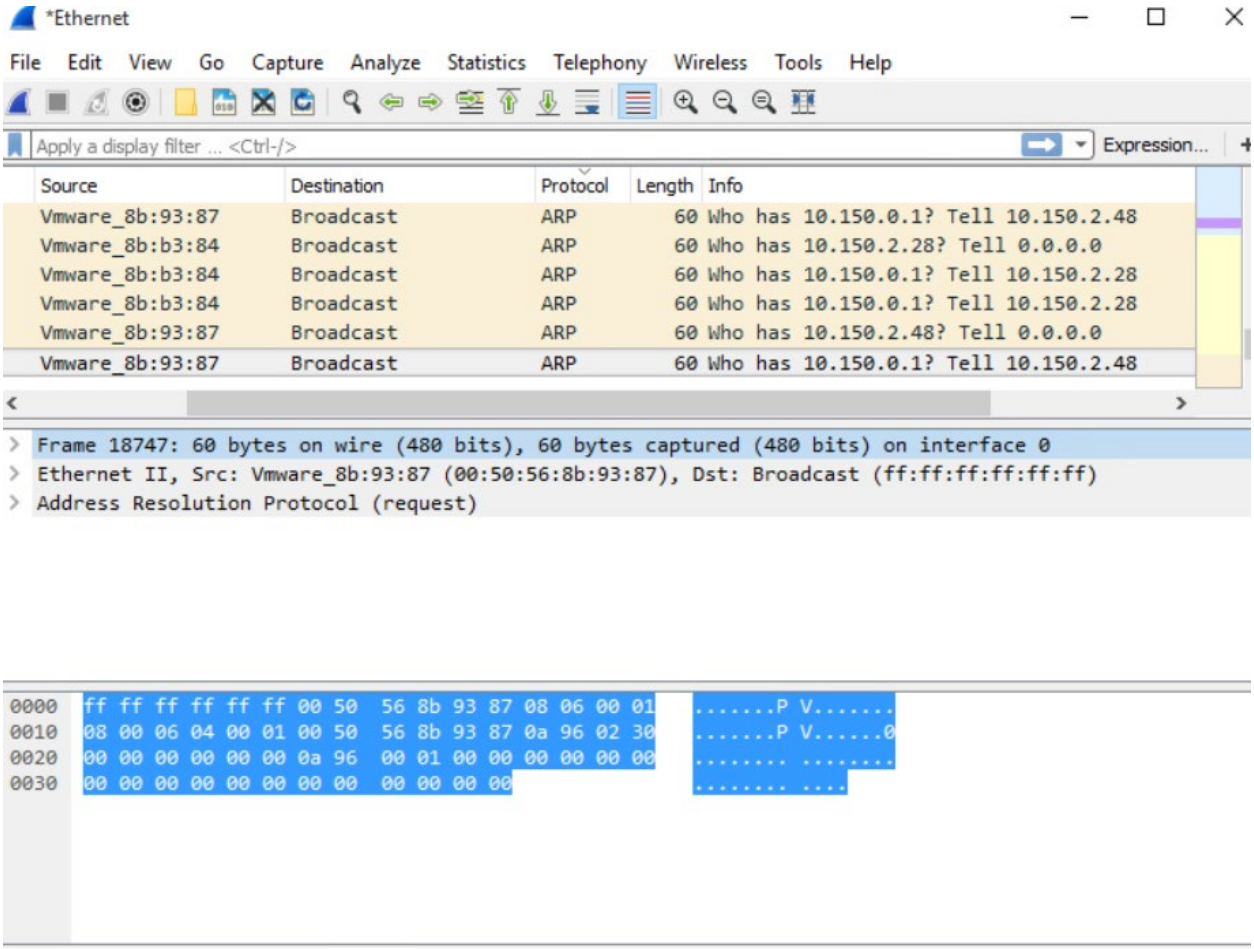

*Ethernet
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
Apply a display filter ... <Ctrl-/>
Expression...
No. Time Source Destination Protocol Length Info
1 0.000000 10.150.3.122 10.1.2.220 TCP 1514 22443 → 61689 [ACK] S
2 0.000002 10.150.3.122 10.1.2.220 TCP 1514 22443 → 61689 [ACK] S
3 0.000004 10.150.3.122 10.1.2.220 TCP 1514 22443 → 61689 [ACK] S
4 0.000011 10.150.3.122 10.1.2.220 TCP 1514 22443 → 61689 [ACK] S
5 0.000012 10.150.3.122 10.1.2.220 TCP 1514 22443 → 61689 [ACK] S
6 0.000013 10.150.3.122 10.1.2.220 TCP 1514 22443 → 61689 [ACK] S
Frame 1: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface 0
Ethernet II, Src: Vmware_8b:27:b7 (00:50:56:8b:27:b7), Dst: PaloAlto_a3:e4:11 (d4:f4:be:a3:e4:11)
Internet Protocol Version 4, Src: 10.150.3.122, Dst: 10.1.2.220
Transmission Control Protocol, Src Port: 22443, Dst Port: 61689, Seq: 1, Ack: 1, Len: 1460
Data (1460 bytes)
0000 d4 f4 be a3 e4 11 00 50 56 8b 27 b7 08 00 45 00 ....P V.'...E.
0010 05 dc 01 52 40 00 80 06 d8 dd 0a 96 03 7a 0a 01 ...R@... .....z..
0020 02 dc 57 ab f0 f9 fa 9e 3d ee c4 9a a0 ac 50 10 ..W..... =.....P.
0030 00 fc 06 c1 00 00 17 03 03 40 18 a1 7d 9f fa 1f ....@..}...
0040 c5 1a 17 20 27 59 14 90 cc 08 d7 58 c7 7e 51 99 ... 'Y.. ...X.~Q.
0050 50 ec e3 a3 3f bd 38 14 42 c7 65 a8 2d 14 d7 40 P...?.8. B.e.-..@
0060 37 68 9c a5 83 5a bf 44 7a 91 4a 46 ef 23 3e 48 7h...Z.D z.JF.#>H
0070 4d 9f 25 6c 41 f1 d6 fc 44 4a 34 7a 58 19 69 a7 M.%lA... DJ4zX.i.
0080 73 76 7a a2 66 4d 9e e4 7c 88 9c 87 30 c9 02 69 svz.fM.. |...0..i
wireshark_D9BD7FDE-7CC9-466C...439A00_20180220005035_a06628
Packets: 70862 · Displayed: 70862 (100.0%)
Profile: Default

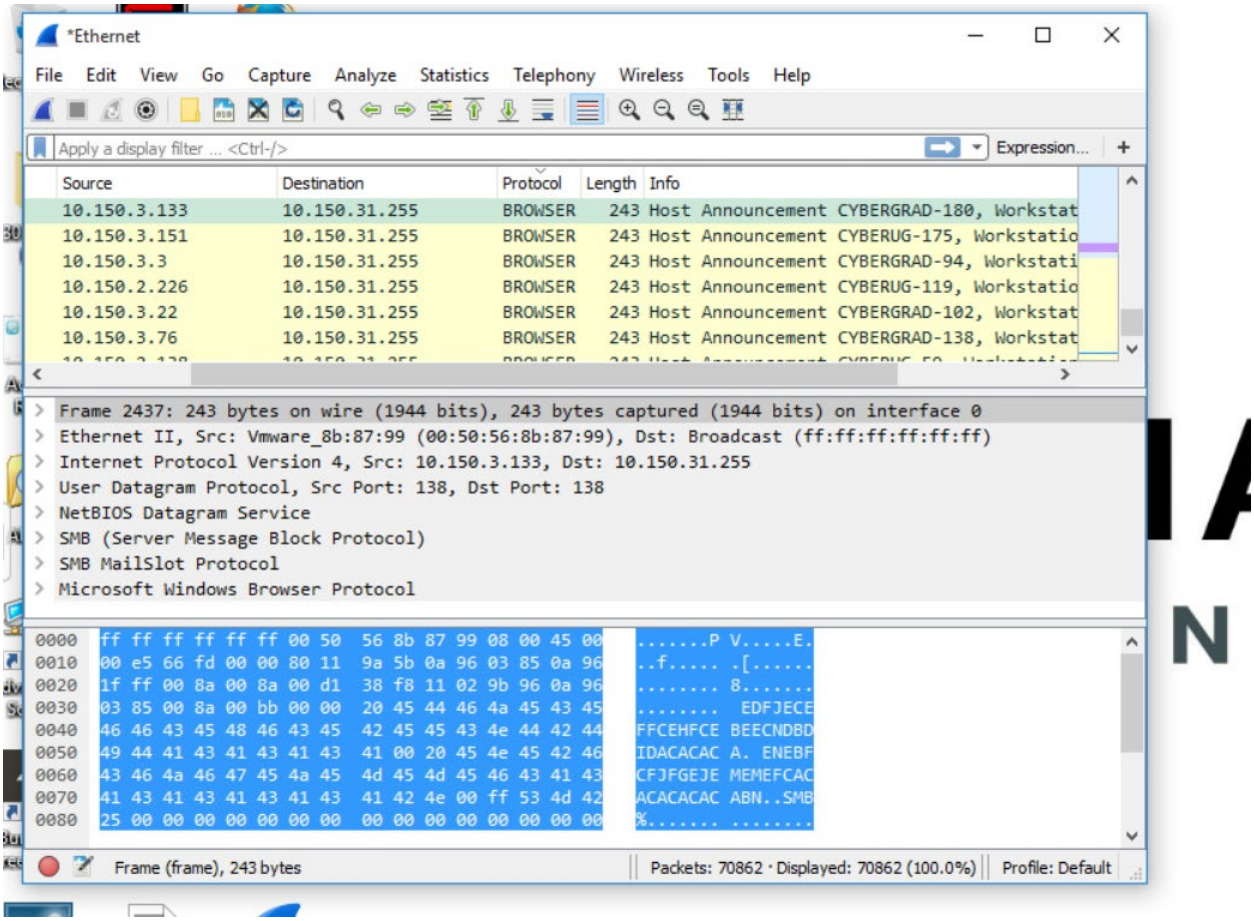

*Ethernet
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
Apply a display filter ... <Ctrl-/>
Expression...
Source Destination Protocol Length Info
Vmware_8b:93:87 Broadcast ARP 60 Who has 10.150.0.1? Tell 10.150.2.48
Vmware_8b:b3:84 Broadcast ARP 60 Who has 10.150.2.28? Tell 0.0.0.0
Vmware_8b:b3:84 Broadcast ARP 60 Who has 10.150.0.1? Tell 10.150.2.28
Vmware_8b:b3:84 Broadcast ARP 60 Who has 10.150.0.1? Tell 10.150.2.28
Vmware_8b:93:87 Broadcast ARP 60 Who has 10.150.2.48? Tell 0.0.0.0
Vmware_8b:93:87 Broadcast ARP 60 Who has 10.150.0.1? Tell 10.150.2.48
Frame 18747: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0
Ethernet II, Src: Vmware_8b:93:87 (00:50:56:8b:93:87), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Address Resolution Protocol (request)

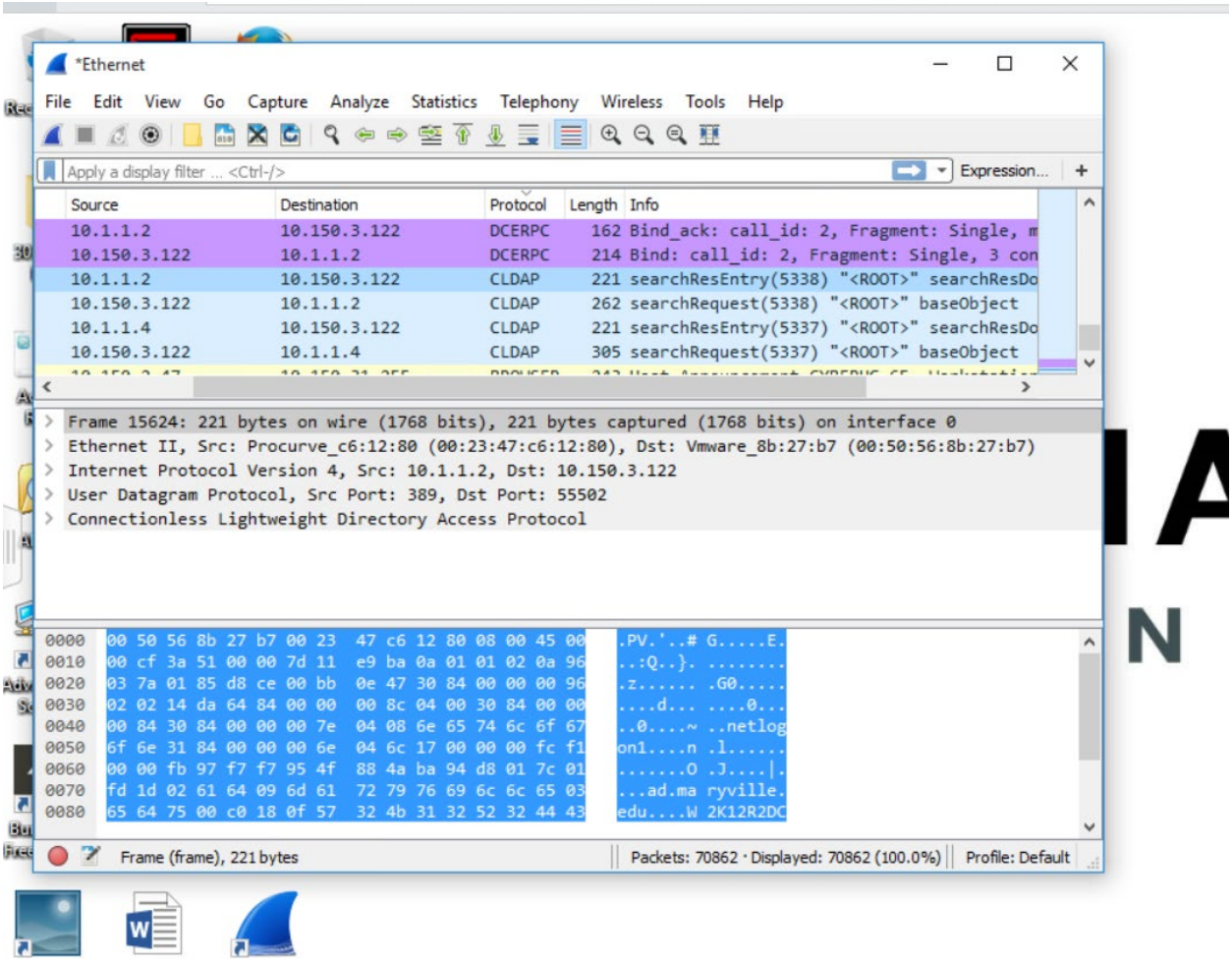
0000 ff ff ff ff ff ff 00 50 56 8b 93 87 08 06 00 01 ....P V.......
0010 08 00 06 04 00 01 00 50 56 8b 93 87 0a 96 02 30 ....P V......0
0020 00 00 00 00 00 00 0a 96 00 01 00 00 00 00 00 00 ....
0030 00 00 00 00 00 00 00 00 00 00 00 00 ....

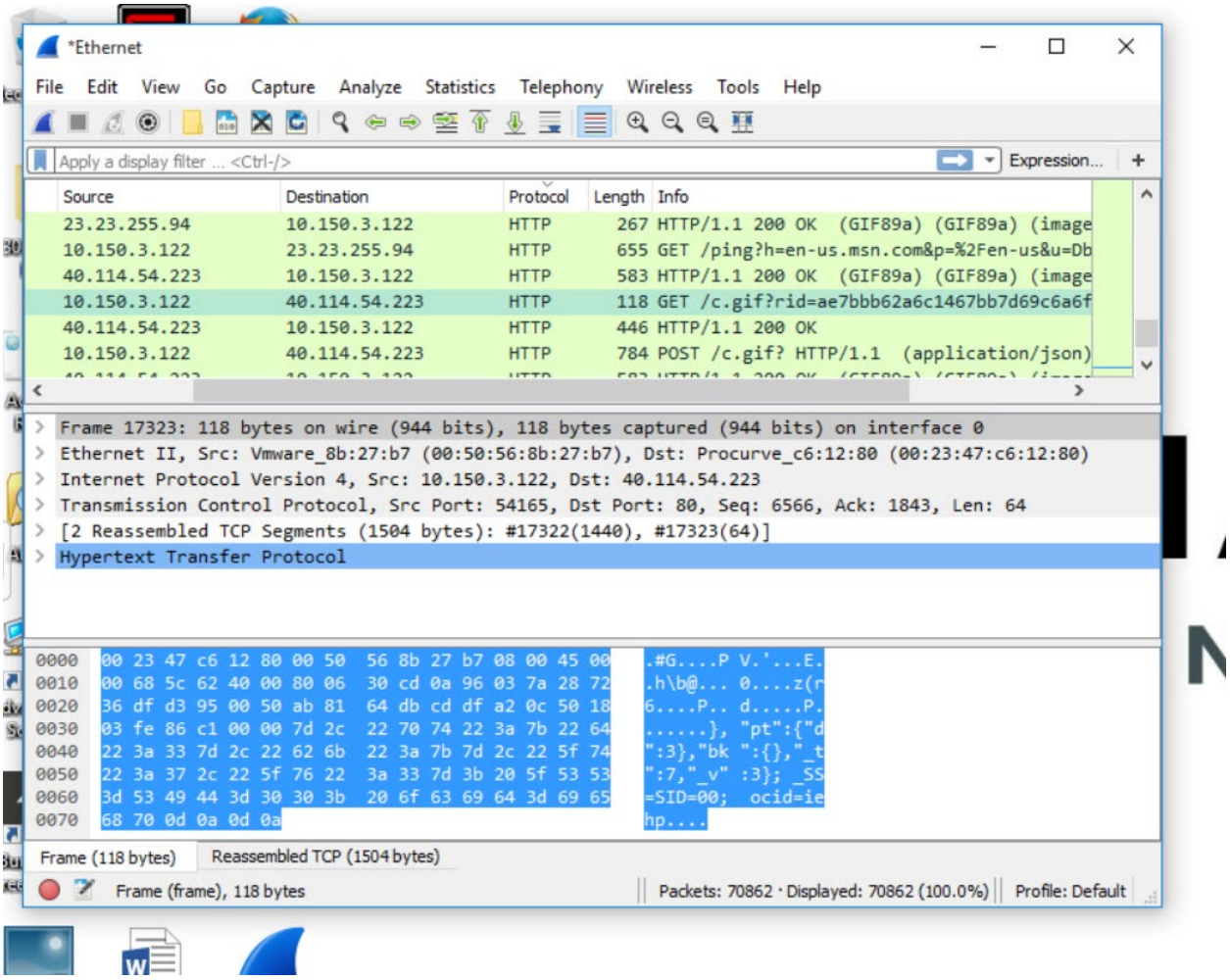

*Ethernet
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
Apply a display filter ... <Ctrl-/>
Expression...
Source Destination Protocol Length Info
Vmware_8b:93:87 Broadcast ARP 60 Who has 10.150.0.1? Tell 10.150.2.48
Vmware_8b:b3:84 Broadcast ARP 60 Who has 10.150.2.28? Tell 0.0.0.0
Vmware_8b:b3:84 Broadcast ARP 60 Who has 10.150.0.1? Tell 10.150.2.28
Vmware_8b:b3:84 Broadcast ARP 60 Who has 10.150.0.1? Tell 10.150.2.28
Vmware_8b:93:87 Broadcast ARP 60 Who has 10.150.2.48? Tell 0.0.0.0
Vmware_8b:93:87 Broadcast ARP 60 Who has 10.150.0.1? Tell 10.150.2.48
Frame 18747: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0
Ethernet II, Src: Vmware_8b:93:87 (00:50:56:8b:93:87), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Address Resolution Protocol (request)

0000 ff ff ff ff ff ff 00 50 56 8b 93 87 08 06 00 01 ....P V.......
0010 08 00 06 04 00 01 00 50 56 8b 93 87 0a 96 02 30 ....P V......0
0020 00 00 00 00 00 00 0a 96 00 01 00 00 00 00 00 00 ....
0030 00 00 00 00 00 00 00 00 00 00 00 00 ....

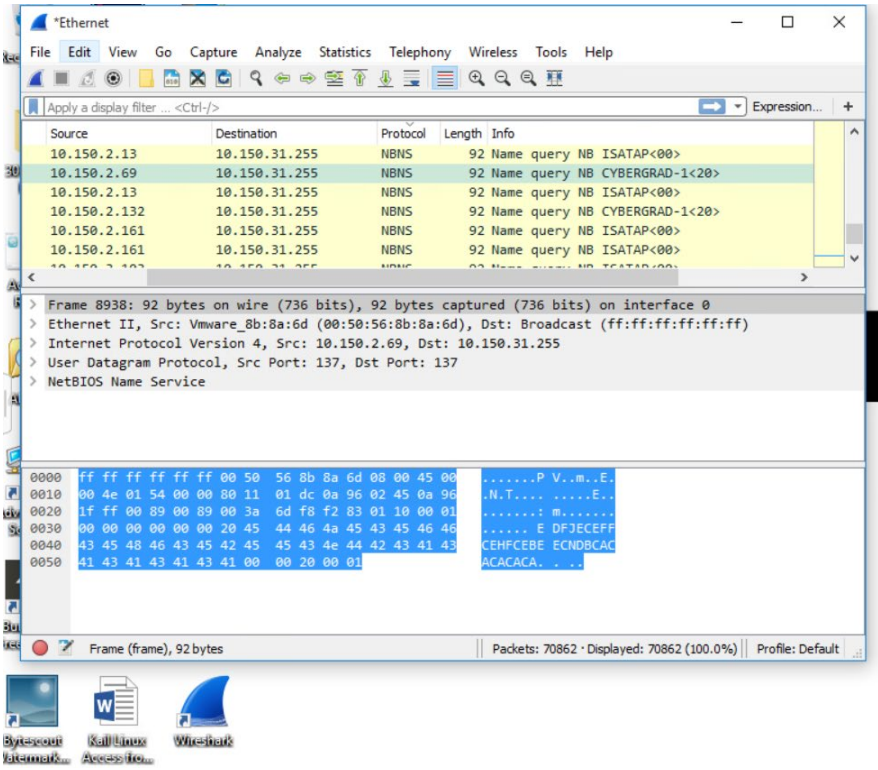
The protocol I analyzed is ARP.
The Packet is asking who has 10.140.0.1? And if someone does own It the protocol tells 10.150.2.48. This is used when someone wants to create there own router connection. If no one holds 10.150.0.1, then a user could take ownership of the land.




*Ethernet
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
Apply a display filter ... <Ctrl-/>
Expression...
Source Destination Protocol Length Info
10.1.1.2 10.150.3.122 DCERPC 162 Bind_ack: call_id: 2, Fragment: Single,
10.150.3.122 10.1.1.2 DCERPC 214 Bind: call_id: 2, Fragment: Single, 3 con
10.1.1.2 10.150.3.122 CLDAP 221 searchResEntry(5338) "<ROOT>" searchResDo
10.150.3.122 10.1.1.2 CLDAP 262 searchRequest(5338) "<ROOT>" baseObject
10.1.1.4 10.150.3.122 CLDAP 221 searchResEntry(5337) "<ROOT>" searchResDo
10.150.3.122 10.1.1.4 CLDAP 305 searchRequest(5337) "<ROOT>" baseObject
Frame 15624: 221 bytes on wire (1768 bits), 221 bytes captured (1768 bits) on interface 0
Ethernet II, Src: Procurve_c6:12:80 (00:23:47:c6:12:80), Dst: Vmware_8b:27:b7 (00:50:56:8b:27:b7)
Internet Protocol Version 4, Src: 10.1.1.2, Dst: 10.150.3.122
User Datagram Protocol, Src Port: 389, Dst Port: 55502
Connectionless Lightweight Directory Access Protocol
0000 00 50 56 8b 27 b7 00 23 47 c6 12 80 08 00 45 00 .PV.'..# G.....E.
0010 00 cf 3a 51 00 00 7d 11 e9 ba 0a 01 01 02 0a 96 ..:Q..}. ....
0020 03 7a 01 85 d8 ce 00 bb 0e 47 30 84 00 00 00 96 .z..... .G0.....
0030 02 02 14 da 64 84 00 00 00 8c 04 00 30 84 00 00 ....d... ....0...
0040 00 84 30 84 00 00 00 7e 04 08 6e 65 74 6c 6f 67 ..0....~ ..netlog
0050 6f 6e 31 84 00 00 00 6e 04 6c 17 00 00 00 fc f1 on1....n .l......
0060 00 00 fb 97 f7 f7 95 4f 88 4a ba 94 d8 01 7c 01 ....O .J....|.
0070 fd 1d 02 61 64 09 6d 61 72 79 76 69 6c 6c 65 03 ...ad.ma ryville.
0080 65 64 75 00 c0 18 0f 57 32 4b 31 32 52 32 44 43 edu....W 2K12R2DC
Frame (frame), 221 bytes
Packets: 70862 · Displayed: 70862 (100.0%)
Profile: Default



HTTP is the protocol to exchange or transfer hypertext.
HTTP session source port was 54217 and it sent a get message to establish a connection between the client and the server.



NBNS stands for The NetBIOS Name Service. This protocol translates names to IP addresses. The packet shows 92 Name quarry NB CYBERGRAD-1<20>. The NBNS makes a name query request to establish communication between a Windows computer and a NetBIOS computer. The NAME QUERY REQUEST message includes the name of the computer that initiated the connection which is why the Packet says CYBERGRAD.The user datagram protocol source port and restating port are both 137.