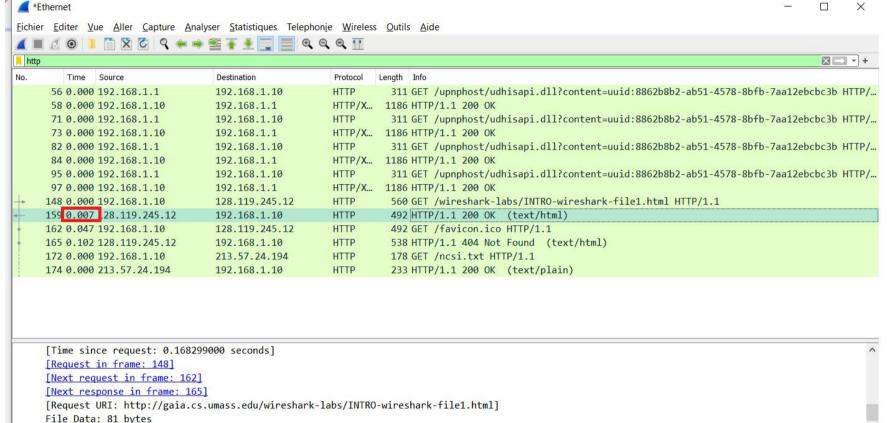


- 1. List 3 different protocols that appear in the protocol column in the unfiltered
- -Internet Protocol Version 4
- -Transmission Control Protocol
- -Hypertext transfer Protocol



Paquets: 249 · Affichés: 14 (5.6%) · Perdus: 0 (0.0%)

--E--50\$ x-Mt--E-

--/-@--- B-w----

...P...; .M.k.sP.

··>···HT TP/1.1 2

00 OK - D ate: Thu

> Line-based text data: text/html (3 lines)

Hypertext Transfer Protocol: Protocol

0000 8c 16 45 e0 0d 35 30 24 78 c0 4d 74 08 00 45 00

0010 01 de 2f a1 40 00 2d 06 e5 42 80 77 f5 0c c0 a8

0020 01 0a 00 50 d8 85 eb 3b 95 4d 1f 6b d9 73 50 18

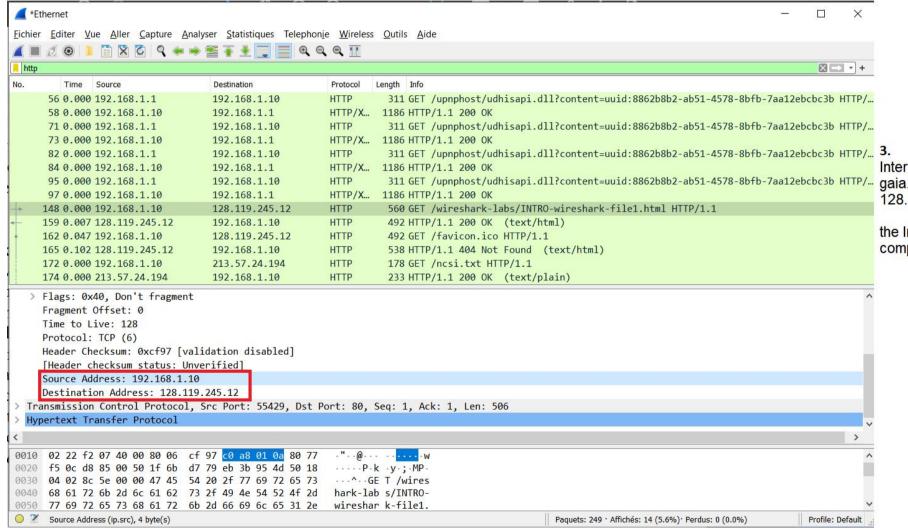
0030 00 ed 3e 96 00 00 48 54 54 50 2f 31 2e 31 20 32

0040 30 30 20 4f 4b 0d 0a 44 61 74 65 3a 20 54 68 75

2.

Profile: Default

It took 0.007 seconds



3. Internet address of the gaia.cs.umass.edu is 128.119.245.12

the Internet address of my computer is 192.168.1.10

```
No.
        Time
                 Source
                                       Destination
                                                             Protocol Length Info
     56 0.000
                192.168.1.1
                                       192.168.1.10
                                                                             GET /upnphost/udhisapi.dll?content=uuid:8862b8b2-
ab51-4578-8bfb-7aa12ebcbc3b HTTP/1.1
Frame 56: 311 bytes on wire (2488 bits), 311 bytes captured (2488 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74), Dst: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.10
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 297
    Identification: 0x332c (13100)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
    Time to Live: 64
    Protocol: TCP (6)
    Header Checksum: 0x8347 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.1
    Destination Address: 192.168.1.10
Transmission Control Protocol, Src Port: 43904, Dst Port: 2869, Seq: 1, Ack: 1, Len: 257
Hypertext Transfer Protocol
       Time
                 Source
                                       Destination
                                                             Protocol Length Info
     58 0.000
                192.168.1.10
                                       192.168.1.1
                                                             HTTP/XML 1186 HTTP/1.1 200 OK
Frame 58: 1186 bytes on wire (9488 bits), 1186 bytes captured (9488 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35), Dst: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74)
Internet Protocol Version 4, Src: 192.168.1.10, Dst: 192.168.1.1
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 1172
    Identification: 0x32f6 (13046)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
    Time to Live: 128
    Protocol: TCP (6)
    Header Checksum: 0x4012 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.10
    Destination Address: 192.168.1.1
Transmission Control Protocol, Src Port: 2869, Dst Port: 43904, Seq: 273, Ack: 258, Len: 1132
[2 Reassembled TCP Segments (1404 bytes): #57(272), #58(1132)]
Hypertext Transfer Protocol
eXtensible Markup Language
       Time
                Source
                                       Destination
                                                             Protocol Length Info
No.
     71 0.000
                 192.168.1.1
                                       192.168.1.10
                                                                             GET /upnphost/udhisapi.dll?content=uuid:8862b8b2-
                                                             HTTP
                                                                      311
ab51-4578-8bfb-7aa12ebcbc3b HTTP/1.1
Frame 71: 311 bytes on wire (2488 bits), 311 bytes captured (2488 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74), Dst: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.10
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 297
    Identification: 0xb64c (46668)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
    Time to Live: 64
    Protocol: TCP (6)
    Header Checksum: 0x0027 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.1
    Destination Address: 192.168.1.10
Transmission Control Protocol, Src Port: 43905, Dst Port: 2869, Seq: 1, Ack: 1, Len: 257
Hypertext Transfer Protocol
       Time
                 Source
                                                             Protocol Length Info
                                       Destination
     73 0.000
                 192.168.1.10
                                       192.168.1.1
                                                             HTTP/XML 1186 HTTP/1.1 200 OK
Frame 73: 1186 bytes on wire (9488 bits), 1186 bytes captured (9488 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35), Dst: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74)
Internet Protocol Version 4, Src: 192.168.1.10, Dst: 192.168.1.1
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 1172
    Identification: 0x32fb (13051)
    Flags: 0x40, Don't fragment
```

No.

Time

Source

Destination

```
Fragment Offset: 0
    Time to Live: 128
    Protocol: TCP (6)
    Header Checksum: 0x400d [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.10
    Destination Address: 192.168.1.1
Transmission Control Protocol, Src Port: 2869, Dst Port: 43905, Seq: 273, Ack: 258, Len: 1132
[2 Reassembled TCP Segments (1404 bytes): #72(272), #73(1132)]
Hypertext Transfer Protocol
eXtensible Markup Language
       Time
                Source
                                                            Protocol Length Info
                                      Destination
    82 0.000
                192.168.1.1
                                      192.168.1.10
                                                            HTTP
                                                                     311
                                                                            GET /upnphost/udhisapi.dll?content=uuid:8862b8b2-
ab51-4578-8bfb-7aa12ebcbc3b HTTP/1.1
Frame 82: 311 bytes on wire (2488 bits), 311 bytes captured (2488 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74), Dst: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.10
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 297
    Identification: 0x03f5 (1013)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
    Time to Live: 64
    Protocol: TCP (6)
    Header Checksum: 0xb27e [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.1
    Destination Address: 192.168.1.10
Transmission Control Protocol, Src Port: 43906, Dst Port: 2869, Seq: 1, Ack: 1, Len: 257
Hypertext Transfer Protocol
No.
       Time
                Source
                                      Destination
                                                            Protocol Length Info
     84 0.000
                192.168.1.10
                                      192.168.1.1
                                                            HTTP/XML 1186 HTTP/1.1 200 OK
Frame 84: 1186 bytes on wire (9488 bits), 1186 bytes captured (9488 bits) on interface
Ethernet II, Src: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35), Dst: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74)
Internet Protocol Version 4, Src: 192.168.1.10, Dst: 192.168.1.1
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 1172
    Identification: 0x3300 (13056)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
    Time to Live: 128
    Protocol: TCP (6)
    Header Checksum: 0x4008 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.10
    Destination Address: 192.168.1.1
Transmission Control Protocol, Src Port: 2869, Dst Port: 43906, Seq: 273, Ack: 258, Len: 1132
[2 Reassembled TCP Segments (1404 bytes): #83(272), #84(1132)]
Hypertext Transfer Protocol
eXtensible Markup Language
        Time
                Source
                                      Destination
                                                            Protocol Length Info
     95 0.000
                192.168.1.1
                                      192.168.1.10
                                                            HTTP
                                                                     311
                                                                            GET /upnphost/udhisapi.dll?content=uuid:8862b8b2-
ab51-4578-8bfb-7aa12ebcbc3b HTTP/1.1
Frame 95: 311 bytes on wire (2488 bits), 311 bytes captured (2488 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74), Dst: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.10
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 297
    Identification: 0xd9b6 (55734)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
    Time to Live: 64
    Protocol: TCP (6)
    Header Checksum: Oxdcbc [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.1
    Destination Address: 192.168.1.10
Transmission Control Protocol, Src Port: 43907, Dst Port: 2869, Seq: 1, Ack: 1, Len: 257
Hypertext Transfer Protocol
```

Protocol Length Info

Time to Live: 128

```
97 0.000
                192.168.1.10
                                       192.168.1.1
                                                             HTTP/XML 1186 HTTP/1.1 200 OK
Frame 97: 1186 bytes on wire (9488 bits), 1186 bytes captured (9488 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35), Dst: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74)
Internet Protocol Version 4, Src: 192.168.1.10, Dst: 192.168.1.1
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 1172
    Identification: 0x3305 (13061)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
    Time to Live: 128
    Protocol: TCP (6)
    Header Checksum: 0x4003 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.10
    Destination Address: 192.168.1.1
Transmission Control Protocol, Src Port: 2869, Dst Port: 43907, Seq: 273, Ack: 258, Len: 1132
[2 Reassembled TCP Segments (1404 bytes): #96(272), #97(1132)]
Hypertext Transfer Protocol
eXtensible Markup Language
       Time
                 Source
                                       Destination
                                                             Protocol Length Info
    148 0.000
                192.168.1.10
                                       128.119.245.12
                                                             HTTP
                                                                      560 GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
Frame 148: 560 bytes on wire (4480 bits), 560 bytes captured (4480 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35), Dst: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74)
Internet Protocol Version 4, Src: 192.168.1.10, Dst: 128.119.245.12
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 546
    Identification: 0xf207 (61959)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
    Time to Live: 128
    Protocol: TCP (6)
    Header Checksum: 0xcf97 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.10
    Destination Address: 128.119.245.12
Transmission Control Protocol, Src Port: 55429, Dst Port: 80, Seq: 1, Ack: 1, Len: 506
Hypertext Transfer Protocol
No.
       Time
                 Source
                                       Destination
                                                             Protocol Length Info
                                                                            HTTP/1.1 200 OK (text/html)
    159 0.007
                 128.119.245.12
                                      192.168.1.10
                                                             HTTP
                                                                      492
Frame 159: 492 bytes on wire (3936 bits), 492 bytes captured (3936 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74), Dst: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.10
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 478
    Identification: 0x2fa1 (12193)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
    Time to Live: 45
    Protocol: TCP (6)
    Header Checksum: 0xe542 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 128.119.245.12
    Destination Address: 192.168.1.10
Transmission Control Protocol, Src Port: 80, Dst Port: 55429, Seq: 1, Ack: 507, Len: 438
Hypertext Transfer Protocol
Line-based text data: text/html (3 lines)
       Time
                Source
                                       Destination
                                                             Protocol Length Info
    162 0.047
                 192.168.1.10
                                       128.119.245.12
                                                             HTTP
                                                                     492
                                                                             GET /favicon.ico HTTP/1.1
Frame 162: 492 bytes on wire (3936 bits), 492 bytes captured (3936 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35), Dst: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74)
Internet Protocol Version 4, Src: 192.168.1.10, Dst: 128.119.245.12
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 478
    Identification: 0xf20a (61962)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
```

```
Protocol: TCP (6)
    Header Checksum: Oxcfd8 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.10
    Destination Address: 128.119.245.12
Transmission Control Protocol, Src Port: 55429, Dst Port: 80, Seq: 507, Ack: 439, Len: 438
Hypertext Transfer Protocol
No.
       Time
                Source
                                       Destination
                                                             Protocol Length Info
                128.119.245.12
    165 0.102
                                                                      538 HTTP/1.1 404 Not Found (text/html)
                                       192.168.1.10
                                                             HTTP
Frame 165: 538 bytes on wire (4304 bits), 538 bytes captured (4304 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74), Dst: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.10
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 524
    Identification: 0x2fa2 (12194)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
    Time to Live: 45
    Protocol: TCP (6)
    Header Checksum: 0xe513 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 128.119.245.12
    Destination Address: 192.168.1.10
Transmission Control Protocol, Src Port: 80, Dst Port: 55429, Seq: 439, Ack: 945, Len: 484
Hypertext Transfer Protocol
Line-based text data: text/html (7 lines)
       Time
No.
                 Source
                                       Destination
                                                             Protocol Length Info
    172 0.000
                 192.168.1.10
                                       213.57.24.194
                                                             HTTP
                                                                      178
                                                                           GET /ncsi.txt HTTP/1.1
Frame 172: 178 bytes on wire (1424 bits), 178 bytes captured (1424 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35), Dst: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74)
Internet Protocol Version 4, Src: 192.168.1.10, Dst: 213.57.24.194
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 164
    Identification: 0x289e (10398)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
    Time to Live: 128
    Protocol: TCP (6)
    Header Checksum: 0x2208 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.10
    Destination Address: 213.57.24.194
Transmission Control Protocol, Src Port: 55431, Dst Port: 80, Seq: 1, Ack: 1, Len: 124
Hypertext Transfer Protocol
       Time
                 Source
No.
                                       Destination
                                                             Protocol Length Info
    174 0.000
                 213.57.24.194
                                       192.168.1.10
                                                             HTTP
                                                                      233
                                                                            HTTP/1.1 200 OK (text/plain)
Frame 174: 233 bytes on wire (1864 bits), 233 bytes captured (1864 bits) on interface
\Device\NPF_{64933CB4-194F-47E1-9142-153334397F8C}, id 0
Ethernet II, Src: Sagemcom_c0:4d:74 (30:24:78:c0:4d:74), Dst: LCFCHeFe_e0:0d:35 (8c:16:45:e0:0d:35)
Internet Protocol Version 4, Src: 213.57.24.194, Dst: 192.168.1.10
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 219
    Identification: 0x0af8 (2808)
    Flags: 0x40, Don't fragment
    Fragment Offset: 0
    Time to Live: 58
    Protocol: TCP (6)
    Header Checksum: 0x8577 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 213.57.24.194
    Destination Address: 192.168.1.10
Transmission Control Protocol, Src Port: 80, Dst Port: 55431, Seq: 1, Ack: 125, Len: 179
Hypertext Transfer Protocol
Line-based text data: text/plain (1 lines)
```