```
No.
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
    199 5.297341
                       192.168.1.102
                                              128.119.245.12
                                                                    TCP
                                                                             104
                                                                                    1161 \rightarrow 80 [PSH,
ACK] Seq=164041 Ack=1 Win=17520 Len=50
Frame 199: 104 bytes on wire (832 bits), 104 bytes captured (832 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 21, 2004 09:44:25.867722000 EDT
    UTC Arrival Time: Aug 21, 2004 13:44:25.867722000 UTC
    Epoch Arrival Time: 1093095865.867722000
    [Time shift for this packet: 0.000000000 seconds]
    [Time delta from previous captured frame: 0.000084000 seconds]
    [Time delta from previous displayed frame: 0.000084000 seconds]
    [Time since reference or first frame: 5.297341000 seconds]
    Frame Number: 199
    Frame Length: 104 bytes (832 bits)
    Capture Length: 104 bytes (832 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp:data]
    [Coloring Rule Name: HTTP]
    [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: ActiontecEle_8a:70:1a (00:20:e0:8a:70:1a), Dst: LinksysGroup_da:af:73
(00:06:25:da:af:73)
    Destination: LinksysGroup_da:af:73 (00:06:25:da:af:73)
    Source: ActiontecEle_8a:70:1a (00:20:e0:8a:70:1a)
    Type: IPv4 (0x0800)
    [Stream index: 0]
Internet Protocol Version 4, Src: 192.168.1.102, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 1161, Dst Port: 80, Seq: 164041, Ack: 1, Len: 50
    Source Port: 1161
    Destination Port: 80
    [Stream index: 0]
    [Stream Packet Number: 196]
    [Conversation completeness: Incomplete, DATA (15)]
    [TCP Segment Len: 50]
    Sequence Number: 164041
                               (relative sequence number)
    Sequence Number (raw): 232293053
    [Next Sequence Number: 164091
                                      (relative sequence number)]
                               (relative ack number)
    Acknowledgment Number: 1
    Acknowledgment number (raw): 883061786
    0101 \dots = \text{Header Length: } 20 \text{ bytes } (5)
    Flags: 0x018 (PSH, ACK)
        000. .... = Reserved: Not set
        ...0 .... = Accurate ECN: Not set
        .... 0... = Congestion Window Reduced: Not set
        .... .0.. .... = ECN-Echo: Not set
        .... ..0. .... = Urgent: Not set
        .... = Acknowledgment: Set
        .... 1... = Push: Set
        .... .... .0.. = Reset: Not set
        .... .... ..0. = Syn: Not set
        \dots 0 = Fin: Not set
        [TCP Flags: ·····AP···]
    Window: 17520
    [Calculated window size: 17520]
    [Window size scaling factor: -2 (no window scaling used)]
    Checksum: 0x9f0f [unverified]
    [Checksum Status: Unverified]
    Urgent Pointer: 0
    [Timestamps]
    [SEQ/ACK analysis]
    TCP payload (50 bytes)
```

Data (50 bytes)

```
0020 36 35 30 30 31 39 31 36 39 31 35 37 32 34 2d 2d
                                                      65001916915724--
0030 0d 0a
No.
      Time
                      Source
                                           Destination
                                                                Protocol Lenath Info
   200 5.389471
                      128.119.245.12
                                       192.168.1.102
                                                                         60
                                                                TCP
                                                                               80 \rightarrow 1161 [ACK]
Seg=1 Ack=162309 Win=62780 Len=0
Frame 200: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
   Encapsulation type: Ethernet (1)
   Arrival Time: Aug 21, 2004 09:44:25.959852000 EDT
   UTC Arrival Time: Aug 21, 2004 13:44:25.959852000 UTC
   Epoch Arrival Time: 1093095865.959852000
    [Time shift for this packet: 0.000000000 seconds]
    [Time delta from previous captured frame: 0.092130000 seconds]
    [Time delta from previous displayed frame: 0.092130000 seconds]
    [Time since reference or first frame: 5.389471000 seconds]
   Frame Number: 200
    Frame Length: 60 bytes (480 bits)
   Capture Length: 60 bytes (480 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp]
    [Coloring Rule Name: HTTP]
    [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: LinksysGroup_da:af:73 (00:06:25:da:af:73), Dst: ActiontecEle_8a:70:1a
(00:20:e0:8a:70:1a)
   Destination: ActiontecEle 8a:70:1a (00:20:e0:8a:70:1a)
   Source: LinksysGroup_da:af:73 (00:06:25:da:af:73)
   Type: IPv4 (0x0800)
    [Stream index: 0]
   Trailer: 26580000616c
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: 162309, Len: 0
   Source Port: 80
   Destination Port: 1161
    [Stream index: 0]
    [Stream Packet Number: 197]
    [Conversation completeness: Incomplete, DATA (15)]
    [TCP Segment Len: 0]
   Sequence Number: 1
                        (relative sequence number)
   Sequence Number (raw): 883061786
    [Next Sequence Number: 1
                              (relative sequence number)]
   Acknowledgment Number: 162309
                                 (relative ack number)
   Acknowledgment number (raw): 232291321
   0101 .... = Header Length: 20 bytes (5)
   Flags: 0x010 (ACK)
       000. .... = Reserved: Not set
        ...0 .... = Accurate ECN: Not set
        .... 0... = Congestion Window Reduced: Not set
        .... .0.. .... = ECN-Echo: Not set
        .... ..0. .... = Urgent: Not set
        .... = Acknowledgment: Set
        .... 0... = Push: Not set
       .... .... .0.. = Reset: Not set
       .... .... ..0. = Syn: Not set
        \dots \dots \dots 0 = Fin: Not set
        [TCP Flags: ······A····]
   Window: 62780
    [Calculated window size: 62780]
    [Window size scaling factor: -2 (no window scaling used)]
   Checksum: 0x4b9e [unverified]
```

[Checksum Status: Unverified]

```
Urgent Pointer: 0
    [Timestamps]
    [SEQ/ACK analysis]
No.
        Time
                                                                   Protocol Length Info
                       Source
                                             Destination
    201 5.447887
                                                                                   80 \rightarrow 1161 [ACK]
                       128.119.245.12
                                             192.168.1.102
                                                                            60
Seg=1 Ack=164041 Win=62780 Len=0
Frame 201: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 21, 2004 09:44:26.018268000 EDT
    UTC Arrival Time: Aug 21, 2004 13:44:26.018268000 UTC
    Epoch Arrival Time: 1093095866.018268000
    [Time shift for this packet: 0.000000000 seconds]
    [Time delta from previous captured frame: 0.058416000 seconds]
    [Time delta from previous displayed frame: 0.058416000 seconds]
    [Time since reference or first frame: 5.447887000 seconds]
    Frame Number: 201
    Frame Length: 60 bytes (480 bits)
    Capture Length: 60 bytes (480 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp]
    [Coloring Rule Name: HTTP]
    [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: LinksysGroup_da:af:73 (00:06:25:da:af:73), Dst: ActiontecEle_8a:70:1a
(00:20:e0:8a:70:1a)
    Destination: ActiontecEle_8a:70:1a (00:20:e0:8a:70:1a)
    Source: LinksysGroup da:af:73 (00:06:25:da:af:73)
    Type: IPv4 (0x0800)
    [Stream index: 0]
    Trailer: a93e0000636f
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: 164041, Len: 0
    Source Port: 80
    Destination Port: 1161
    [Stream index: 0]
    [Stream Packet Number: 198]
    [Conversation completeness: Incomplete, DATA (15)]
    [TCP Segment Len: 0]
    Sequence Number: 1
                          (relative sequence number)
    Sequence Number (raw): 883061786
    [Next Sequence Number: 1
                               (relative sequence number)]
    Acknowledgment Number: 164041
                                     (relative ack number)
    Acknowledgment number (raw): 232293053
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x010 (ACK)
        000. .... = Reserved: Not set
        ...0 .... = Accurate ECN: Not set
        .... 0... = Congestion Window Reduced: Not set
        .... .0.. .... = ECN-Echo: Not set
        .... ..0. .... = Urgent: Not set
        .... = Acknowledgment: Set
        .... 0... = Push: Not set
        .... .... .0.. = Reset: Not set
        \dots Syn: Not set
        \dots 0 = Fin: Not set
        [TCP Flags: ······A····]
    Window: 62780
    [Calculated window size: 62780]
    [Window size scaling factor: -2 (no window scaling used)]
    Checksum: 0x44da [unverified]
    [Checksum Status: Unverified]
```

Urgent Pointer: 0

```
[Timestamps]
    [SEQ/ACK analysis]
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    202 5.455830
                       128.119.245.12
                                             192.168.1.102
                                                                   TCP
                                                                            60
                                                                                    80 \rightarrow 1161 [ACK]
Seg=1 Ack=164091 Win=62780 Len=0
Frame 202: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 21, 2004 09:44:26.026211000 EDT
    UTC Arrival Time: Aug 21, 2004 13:44:26.026211000 UTC
    Epoch Arrival Time: 1093095866.026211000
    [Time shift for this packet: 0.000000000 seconds]
    [Time delta from previous captured frame: 0.007943000 seconds]
    [Time delta from previous displayed frame: 0.007943000 seconds]
    [Time since reference or first frame: 5.455830000 seconds]
    Frame Number: 202
    Frame Length: 60 bytes (480 bits)
    Capture Length: 60 bytes (480 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp]
    [Coloring Rule Name: HTTP]
    [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: LinksysGroup_da:af:73 (00:06:25:da:af:73), Dst: ActiontecEle_8a:70:1a
(00:20:e0:8a:70:1a)
    Destination: ActiontecEle 8a:70:1a (00:20:e0:8a:70:1a)
    Source: LinksysGroup_da:af:73 (00:06:25:da:af:73)
    Type: IPv4 (0x0800)
    [Stream index: 0]
    Trailer: e5e7000007fb
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: 164091, Len: 0
    Source Port: 80
    Destination Port: 1161
    [Stream index: 0]
    [Stream Packet Number: 199]
    [Conversation completeness: Incomplete, DATA (15)]
    [TCP Segment Len: 0]
    Sequence Number: 1
                          (relative sequence number)
    Sequence Number (raw): 883061786
    [Next Sequence Number: 1
                                (relative sequence number)]
    Acknowledgment Number: 164091
                                     (relative ack number)
    Acknowledgment number (raw): 232293103
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x010 (ACK)
        000. .... = Reserved: Not set
        ...0 .... = Accurate ECN: Not set
        .... 0... = Congestion Window Reduced: Not set
        .... .0.. .... = ECN-Echo: Not set
        .... ..0. .... = Urgent: Not set
        .... = Acknowledgment: Set
        .... 0... = Push: Not set
        .... .... .0.. = Reset: Not set
        .... .... ..0. = Syn: Not set
        \dots \dots 0 = Fin: Not set
        [TCP Flags: ······A····]
    Window: 62780
    [Calculated window size: 62780]
    [Window size scaling factor: -2 (no window scaling used)]
    Checksum: 0x44a8 [unverified]
    [Checksum Status: Unverified]
    Urgent Pointer: 0
```

[Timestamps]

```
[SEQ/ACK analysis]
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    203 5.461175
                       128.119.245.12
                                             192.168.1.102
                                                                    TCP
                                                                            784
                                                                                    80 \rightarrow 1161 [PSH,
ACK] Seq=1 Ack=164091 Win=62780 Len=730
Frame 203: 784 bytes on wire (6272 bits), 784 bytes captured (6272 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 21, 2004 09:44:26.031556000 EDT
    UTC Arrival Time: Aug 21, 2004 13:44:26.031556000 UTC
    Epoch Arrival Time: 1093095866.031556000
    [Time shift for this packet: 0.000000000 seconds]
    [Time delta from previous captured frame: 0.005345000 seconds]
    [Time delta from previous displayed frame: 0.005345000 seconds]
    [Time since reference or first frame: 5.461175000 seconds]
    Frame Number: 203
    Frame Length: 784 bytes (6272 bits)
    Capture Length: 784 bytes (6272 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp:data]
    [Coloring Rule Name: HTTP]
    [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: LinksysGroup_da:af:73 (00:06:25:da:af:73), Dst: ActiontecEle_8a:70:1a
(00:20:e0:8a:70:1a)
    Destination: ActiontecEle_8a:70:1a (00:20:e0:8a:70:1a)
    Source: LinksysGroup_da:af:73 (00:06:25:da:af:73)
    Type: IPv4 (0x0800)
    [Stream index: 0]
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: 164091, Len: 730
    Source Port: 80
    Destination Port: 1161
    [Stream index: 0]
    [Stream Packet Number: 200]
    [Conversation completeness: Incomplete, DATA (15)]
    [TCP Segment Len: 730]
    Sequence Number: 1
                          (relative sequence number)
    Sequence Number (raw): 883061786
    [Next Sequence Number: 731
                                  (relative sequence number)]
    Acknowledgment Number: 164091
                                     (relative ack number)
    Acknowledgment number (raw): 232293103
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
        000. .... = Reserved: Not set
        ...0 .... = Accurate ECN: Not set
        .... 0... = Congestion Window Reduced: Not set
        .... .0.. .... = ECN-Echo: Not set
        .... ..0. .... = Urgent: Not set
        .... = Acknowledgment: Set
        .... 1... = Push: Set
        .... .... .0.. = Reset: Not set
        .... .... ..0. = Syn: Not set
        \dots 0 = Fin: Not set
        [TCP Flags: ·····AP···]
    Window: 62780
    [Calculated window size: 62780]
    [Window size scaling factor: -2 (no window scaling used)]
    Checksum: 0xa920 [unverified]
    [Checksum Status: Unverified]
    Urgent Pointer: 0
    [Timestamps]
    [SEQ/ACK analysis]
```

TCP payload (730 bytes)

```
Data (730 bytes)
      48 54 54 50 2f 31 2e 31 20 32 30 30 20 4f 4b 0d
0000
                                                         HTTP/1.1 200 OK.
0010
      0a 44 61 74 65 3a 20 53 61 74 2c 20 32 31 20 41
                                                          .Date: Sat, 21 A
0020
      75 67 20 32 30 30 34 20 31 33 3a 34 34 3a 32 30
                                                         ug 2004 13:44:20
      20 47 4d 54 0d 0a 53 65 72 76 65 72 3a 20 41 70
0030
                                                          GMT..Server: Ap
0040
      61 63 68 65 2f 32 2e 30 2e 34 30 20 28 52 65 64
                                                         ache/2.0.40 (Red
0050
      20 48 61 74 20 4c 69 6e 75 78 29 0d 0a 4c 61 73
                                                          Hat Linux)..Las
0060
      74 2d 4d 6f 64 69 66 69 65 64 3a 20 53 61 74 2c
                                                         t-Modified: Sat,
0070
      20 32 31 20 41 75 67 20 32 30 30 34 20 30 31 3a
                                                          21 Aug 2004 01:
0800
      34 38 3a 31 34 20 47 4d 54 0d 0a 45 54 61 67 3a
                                                         48:14 GMT..ETaq:
0090
      20 22 31 62 38 63 32 2d 31 61 30 2d 33 35 37 37
                                                          "1b8c2-1a0-3577
      62 33 38 30 22 0d 0a 41 63 63 65 70 74 2d 52 61
                                                         b380"..Accept-Ra
00a0
      6e 67 65 73 3a 20 62 79 74 65 73 0d 0a 43 6f 6e
00b0
                                                         nges: bytes..Con
      74 65 6e 74 2d 4c 65 6e 67 74 68 3a 20 34 31 36
00c0
                                                         tent-Length: 416
00d0
      0d 0a 4b 65 65 70 2d 41 6c 69 76 65 3a 20 74 69
                                                          ..Keep-Alive: ti
      6d 65 6f 75 74 3d 31 30 2c 20 6d 61 78 3d 31 30
00e0
                                                         meout=10, max=10
00f0
      30 0d 0a 43 6f 6e 6e 65 63 74 69 6f 6e 3a 20 4b
                                                         0..Connection: K
0100
      65 65 70 2d 41 6c 69 76 65 0d 0a 43 6f 6e 74 65
                                                         eep-Alive..Conte
0110
      6e 74 2d 54 79 70 65 3a 20 74 65 78 74 2f 68 74
                                                         nt-Type: text/ht
0120
      6d 6c 3b 20 63 68 61 72 73 65 74 3d 49 53 4f 2d
                                                         ml; charset=ISO-
0130
      38 38 35 39 2d 31 0d 0a 0d 0a 3c 54 49 54 4c 45
                                                         8859-1....<TITLE
      3e 55 70 6c 6f 61 64 20 70 61 67 65 20 66 6f 72
0140
                                                         >Upload page for
0150
      20 54 43 50 20 45 74 68 65 72 65 61 6c 20 4c 61
                                                          TCP Ethereal La
      62 3c 2f 54 49 54 4c 45 3e 0a 3c 62 6f 64 79 20
0160
                                                         b</TITLE>.<body
0170
      62 67 63 6f 6c 6f 72 3d 22 23 46 46 46 46 46 46
                                                         bgcolor="#FFFFFF
0180
      22 3e 0a 3c 70 3e 3c 66 6f 6e 74 20 66 61 63 65
                                                         ">.<font face
      3d 22 41 72 69 61 6c 2c 20 48 65 6c 76 65 74 69
0190
                                                         ="Arial, Helveti
01a0
      63 61 2c 20 73 61 6e 73 2d 73 65 72 69 66 22 20
                                                         ca, sans-serif"
01b0
      73 69 7a 65 3d 22 34 22 3e 20 43 6f 6e 67 72 61
                                                         size="4"> Congra
01c0
      74 75 6c 61 74 69 6f 6e 73 21 20 3c 62 72 3e 20
                                                         tulations! <br>>
01d0
      3c 2f 66 6f 6e 74 3e 0a 0a 3c 50 3e 3c 66 6f 6e
                                                         </font>..<P><fon
01e0
      74 20 66 61 63 65 3d 22 41 72 69 61 6c 2c 20 48
                                                         t face="Arial, H
01f0
      65 6c 76 65 74 69 63 61 2c 20 73 61 6e 73 2d 73
                                                         elvetica, sans-s
0200
      65 72 69 66 22 3e 20 59 6f 75 27 76 65 20 6e 6f
                                                         erif"> You've no
      77 20 74 72 61 6e 73 66 65 72 72 65 64 20 61 20
0210
                                                         w transferred a
0220
      63 6f 70 79 20 6f 66 20 61 6c 69 63 65 2e 74 78
                                                         copy of alice.tx
0230
      74 20 66 66 72 6f 6d 0a 79 6f 75 72 20 63 6f 6d
                                                         t ffrom.your com
0240
      70 75 74 65 72 20 74 6f 20 0a 67 61 69 61 2e 63
                                                         puter to .gaia.c
0250
      73 2e 75 6d 61 73 73 2e 65 64 75 2e 20 20 59 6f
                                                         s.umass.edu. Yo
0260
      75 20 73 68 6f 75 6c 64 20 6e 6f 77 20 73 74 6f
                                                         u should now sto
0270
      70 20 45 74 68 65 72 65 61 6c 20 70 61 63 6b 65
                                                         p Ethereal packe
0280
      74 20 63 61 70 74 75 72 65 2e 20 49 74 27 73 20
                                                         t capture. It's
0290
      74 69 6d 65 20 74 6f 20 73 74 61 72 74 20 61 6e
                                                         time to start an
      61 6c 79 7a 69 6e 67 20 74 68 65 20 63 61 70 74
02a0
                                                         alyzing the capt
      75 72 65 64 20 45 74 68 65 72 65 61 6c 20 70 61
02b0
                                                         ured Ethereal pa
      63 6b 65 74 73 21 20 3c 2f 66 6f 6e 74 3e 0a 0a
02c0
                                                         ckets! </font>..
      3c 2f 46 4f 52 4d 3e 0a 0a 0a
02d0
                                                         </FORM>...
No.
        Time
                       Source
                                              Destination
                                                                     Protocol Length Info
    206 5.651141
                       192.168.1.102
                                              128.119.245.12
                                                                     TCP
                                                                              54
                                                                                     1161 \rightarrow 80 [ACK]
Seg=164091 Ack=731 Win=16790 Len=0
Frame 206: 54 bytes on wire (432 bits), 54 bytes captured (432 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 21, 2004 09:44:26.221522000 EDT
    UTC Arrival Time: Aug 21, 2004 13:44:26.221522000 UTC
    Epoch Arrival Time: 1093095866.221522000
    [Time shift for this packet: 0.000000000 seconds]
    [Time delta from previous captured frame: 0.052059000 seconds]
    [Time delta from previous displayed frame: 0.189966000 seconds]
    [Time since reference or first frame: 5.651141000 seconds]
    Frame Number: 206
```

Frame Length: 54 bytes (432 bits) Capture Length: 54 bytes (432 bits)

```
[Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp]
    [Coloring Rule Name: HTTP]
    [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: ActiontecEle_8a:70:1a (00:20:e0:8a:70:1a), Dst: LinksysGroup_da:af:73
(00:06:25:da:af:73)
    Destination: LinksysGroup_da:af:73 (00:06:25:da:af:73)
    Source: ActiontecEle_8a:70:1a (00:20:e0:8a:70:1a)
    Type: IPv4 (0x0800)
    [Stream index: 0]
Internet Protocol Version 4, Src: 192.168.1.102, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 1161, Dst Port: 80, Seq: 164091, Ack: 731, Len: 0
    Source Port: 1161
    Destination Port: 80
    [Stream index: 0]
    [Stream Packet Number: 201]
    [Conversation completeness: Incomplete, DATA (15)]
    [TCP Segment Len: 0]
    Sequence Number: 164091
                               (relative sequence number)
    Sequence Number (raw): 232293103
    [Next Sequence Number: 164091
                                     (relative sequence number)]
    Acknowledgment Number: 731
                                  (relative ack number)
    Acknowledgment number (raw): 883062516
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x010 (ACK)
        000. .... = Reserved: Not set
        ...0 .... = Accurate ECN: Not set
        .... 0... = Congestion Window Reduced: Not set
        .... .0.. .... = ECN-Echo: Not set
        .... ..0. .... = Urgent: Not set
        .... = Acknowledgment: Set
        .... 0... = Push: Not set
        .... .... .0.. = Reset: Not set
        .... .... ..0. = Syn: Not set
        \dots \dots \dots 0 = Fin: Not set
        [TCP Flags: ······A····]
    Window: 16790
    [Calculated window size: 16790]
    [Window size scaling factor: -2 (no window scaling used)]
    Checksum: 0xf574 [unverified]
    [Checksum Status: Unverified]
    Urgent Pointer: 0
    [Timestamps]
    [SEQ/ACK analysis]
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
                                             199.2.53.206
    213 7.595557
                       192.168.1.102
                                                                             62
                                                                                    1162 → 631
[SYN] Seq=0 Win=16384 Len=0 MSS=1460 SACK_PERM
Frame 213: 62 bytes on wire (496 bits), 62 bytes captured (496 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 21, 2004 09:44:28.165938000 EDT
    UTC Arrival Time: Aug 21, 2004 13:44:28.165938000 UTC
    Epoch Arrival Time: 1093095868.165938000
    [Time shift for this packet: 0.000000000 seconds]
    [Time delta from previous captured frame: 0.491777000 seconds]
    [Time delta from previous displayed frame: 1.944416000 seconds]
    [Time since reference or first frame: 7.595557000 seconds]
    Frame Number: 213
    Frame Length: 62 bytes (496 bits)
    Capture Length: 62 bytes (496 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
```

```
[Protocols in frame: eth:ethertype:ip:tcp]
    [Coloring Rule Name: TCP SYN/FIN]
    [Coloring Rule String: tcp.flags & 0x02 || tcp.flags.fin == 1]
Ethernet II, Src: ActiontecEle_8a:70:1a (00:20:e0:8a:70:1a), Dst: LinksysGroup_da:af:73
(00:06:25:da:af:73)
   Destination: LinksysGroup da:af:73 (00:06:25:da:af:73)
   Source: ActiontecEle 8a:70:1a (00:20:e0:8a:70:1a)
   Type: IPv4 (0x0800)
    [Stream index: 0]
Internet Protocol Version 4, Src: 192.168.1.102, Dst: 199.2.53.206
Transmission Control Protocol, Src Port: 1162, Dst Port: 631, Seq: 0, Len: 0
   Source Port: 1162
   Destination Port: 631
    [Stream index: 1]
    [Stream Packet Number: 1]
    [Conversation completeness: Incomplete, SYN SENT (1)]
    [TCP Segment Len: 0]
   Sequence Number: 0
                         (relative sequence number)
   Sequence Number (raw): 234062521
    [Next Sequence Number: 1
                               (relative sequence number)]
   Acknowledgment Number: 0
   Acknowledgment number (raw): 0
   0111 .... = Header Length: 28 bytes (7)
   Flags: 0x002 (SYN)
       000. .... = Reserved: Not set
        ...0 .... = Accurate ECN: Not set
        .... 0... = Congestion Window Reduced: Not set
        .... .0.. .... = ECN-Echo: Not set
        .... ..0. .... = Urgent: Not set
        .... = Acknowledgment: Not set
        .... 0... = Push: Not set
        .... .0.. = Reset: Not set
       .... .... ..1. = Syn: Set
        .... .... 0 = Fin: Not set
        [TCP Flags: ······S·]
   Window: 16384
    [Calculated window size: 16384]
   Checksum: 0xec92 [unverified]
    [Checksum Status: Unverified]
   Urgent Pointer: 0
   Options: (8 bytes), Maximum segment size, No-Operation (NOP), No-Operation (NOP), SACK
permitted
    [Timestamps]
```