```
No.     Time                Source              Destination         Protocol Length Info
      6 00:39:55.405022     192.168.1.102       128.119.245.12      HTTP     571    GET /ethereal-labs/protected_pages/lab2-5.html
HTTP/1.1
Frame 6: 571 bytes on wire (4568 bits), 571 bytes captured (4568 bits)
Ethernet II, Src: Dell_4f:36:23 (00:08:74:4f:36:23), Dst: LinksysG_da:af:73 (00:06:25:da:af:73)
Internet Protocol Version 4, Src: 192.168.1.102, 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: 557
    Identification: 0x0304 (772)
    Flags: 0x40, Don't fragment
    ...0 0000 0000 0000 = Fragment Offset: 0
    Time to Live: 128
    Protocol: TCP (6)
    Header Checksum: 0x0000 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.102
    Destination Address: 128.119.245.12
Transmission Control Protocol, Src Port: 4335, Dst Port: 80, Seq: 1, Ack: 1, Len: 517
    Source Port: 4335
    Destination Port: 80
    [Stream index: 0]
    [Conversation completeness: Complete, WITH_DATA (31)]
    [TCP Segment Len: 517]
    Sequence Number: 1     (relative sequence number)
    Sequence Number (raw): 4265079786
    [Next Sequence Number: 518     (relative sequence number)]
    Acknowledgment Number: 1     (relative ack number)
    Acknowledgment number (raw): 2437356404
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window: 64240
    [Calculated window size: 64240]
    [Window size scaling factor: -2 (no window scaling used)]
    Checksum: 0x39b2 [unverified]
    [Checksum Status: Unverified]
    Urgent Pointer: 0
    [Timestamps]
    [SEQ/ACK analysis]
    TCP payload (517 bytes)
Hypertext Transfer Protocol
    GET /ethereal-labs/protected_pages/lab2-5.html HTTP/1.1\r\n
        [Expert Info (Chat/Sequence): GET /ethereal-labs/protected_pages/lab2-5.html HTTP/1.1\r\n]
        Request Method: GET
        Request URI: /ethereal-labs/protected_pages/lab2-5.html
        Request Version: HTTP/1.1
    Host: gaia.cs.umass.edu\r\n
    User-Agent: Mozilla/5.0 (Windows; U; Windows NT 5.1; en-US; rv:1.0.2) Gecko/20021120 Netscape/7.01\r\n
    Accept: text/xml,application/xml,application/xhtml+xml,text/html;q=0.9,text/plain;q=0.8,video/x-mng,image/png,image/jpeg,image/
gif;q=0.2,text/css,*/*;q=0.1\r\n
    Accept-Language: en-us, en;q=0.50\r\n
    Accept-Encoding: gzip, deflate, compress;q=0.9\r\n
    Accept-Charset: ISO-8859-1, utf-8;q=0.66, *;q=0.66\r\n
    Keep-Alive: 300\r\n
    Connection: keep-alive\r\n
    \r\n
    [Full request URI: http://gaia.cs.umass.edu/ethereal-labs/protected_pages/lab2-5.html]
    [HTTP request 1/1]
    [Response in frame: 9]
No.     Time                Source              Destination         Protocol Length Info
      9 00:39:55.435024     128.119.245.12      192.168.1.102       HTTP     278    HTTP/1.1 401 Authorization Required  (text/html)
Frame 9: 278 bytes on wire (2224 bits), 278 bytes captured (2224 bits)
Ethernet II, Src: LinksysG_da:af:73 (00:06:25:da:af:73), Dst: Dell_4f:36:23 (00:08:74:4f:36:23)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.102
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 264
    Identification: 0xd4cc (54476)
    Flags: 0x40, Don't fragment
    ...0 0000 0000 0000 = Fragment Offset: 0
    Time to Live: 55
    Protocol: TCP (6)
    Header Checksum: 0x3691 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 128.119.245.12
    Destination Address: 192.168.1.102
Transmission Control Protocol, Src Port: 80, Dst Port: 4335, Seq: 1461, Ack: 518, Len: 224
    Source Port: 80
```

```
    Destination Port: 4335
    [Stream index: 0]
    [Conversation completeness: Complete, WITH_DATA (31)]
    [TCP Segment Len: 224]
    Sequence Number: 1461     (relative sequence number)
    Sequence Number (raw): 2437357864
    [Next Sequence Number: 1685     (relative sequence number)]
    Acknowledgment Number: 518     (relative ack number)
    Acknowledgment number (raw): 4265080303
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window: 6432
    [Calculated window size: 6432]
    [Window size scaling factor: -2 (no window scaling used)]
    Checksum: 0xd99c [unverified]
    [Checksum Status: Unverified]
    Urgent Pointer: 0
    [Timestamps]
    [SEQ/ACK analysis]
    TCP payload (224 bytes)
    TCP segment data (224 bytes)
[2 Reassembled TCP Segments (1684 bytes): #8(1460), #9(224)]
Hypertext Transfer Protocol
    HTTP/1.1 401 Authorization Required\r\n
        [Expert Info (Chat/Sequence): HTTP/1.1 401 Authorization Required\r\n]
        Response Version: HTTP/1.1
        Status Code: 401
        [Status Code Description: Unauthorized]
        Response Phrase: Authorization Required
    Date: Tue, 23 Sep 2003 05:39:58 GMT\r\n
    Server: Apache/2.0.40 (Red Hat Linux)\r\n
    WWW-Authenticate: Basic realm="eth-students only"\r\n
    Vary: accept-language\r\n
    Accept-Ranges: bytes\r\n
    Content-Length: 1349\r\n
    Keep-Alive: timeout=10, max=100\r\n
    Connection: Keep-Alive\r\n
    Content-Type: text/html; charset=ISO-8859-1\r\n
    \r\n
    [HTTP response 1/1]
    [Time since request: 0.030002000 seconds]
    [Request in frame: 6]
    [Request URI: http://gaia.cs.umass.edu/ethereal-labs/protected_pages/lab2-5.html]
    File Data: 1349 bytes
Line-based text data: text/html (56 lines)
No.      Time                Source               Destination           Protocol Length Info
     65 00:40:11.413586      192.168.1.102        128.119.245.12        HTTP     622     GET /ethereal-labs/protected_pages/lab2-5.html
HTTP/1.1
Frame 65: 622 bytes on wire (4976 bits), 622 bytes captured (4976 bits)
Ethernet II, Src: Dell_4f:36:23 (00:08:74:4f:36:23), Dst: LinksysG_da:af:73 (00:06:25:da:af:73)
Internet Protocol Version 4, Src: 192.168.1.102, 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: 608
    Identification: 0x0328 (808)
    Flags: 0x40, Don't fragment
    ...0 0000 0000 0000 = Fragment Offset: 0
    Time to Live: 128
    Protocol: TCP (6)
    Header Checksum: 0x0000 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.102
    Destination Address: 128.119.245.12
Transmission Control Protocol, Src Port: 4342, Dst Port: 80, Seq: 1, Ack: 1, Len: 568
    Source Port: 4342
    Destination Port: 80
    [Stream index: 2]
    [Conversation completeness: Incomplete, DATA (15)]
    [TCP Segment Len: 568]
    Sequence Number: 1     (relative sequence number)
    Sequence Number (raw): 4269150442
    [Next Sequence Number: 569     (relative sequence number)]
    Acknowledgment Number: 1    (relative ack number)
    Acknowledgment number (raw): 2462372174
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window: 64240
    [Calculated window size: 64240]
    [Window size scaling factor: -2 (no window scaling used)]
```

Checksum: 0x39e5 [unverified]
        [Checksum Status: Unverified]
        Urgent Pointer: 0
        [Timestamps]
        [SEQ/ACK analysis]
        TCP payload (568 bytes)
Hypertext Transfer Protocol
        GET /ethereal-labs/protected_pages/lab2-5.html HTTP/1.1\r\n
            [Expert Info (Chat/Sequence): GET /ethereal-labs/protected_pages/lab2-5.html HTTP/1.1\r\n]
            Request Method: GET
            Request URI: /ethereal-labs/protected_pages/lab2-5.html
            Request Version: HTTP/1.1
        Host: gaia.cs.umass.edu\r\n
        User-Agent: Mozilla/5.0 (Windows; U; Windows NT 5.1; en-US; rv:1.0.2) Gecko/20021120 Netscape/7.01\r\n
        Accept: text/xml,application/xml,application/xhtml+xml,text/html;q=0.9,text/plain;q=0.8,video/x-mng,image/png,image/jpeg,image/
gif;q=0.2,text/css,*/*;q=0.1\r\n
        Accept-Language: en-us, en;q=0.50\r\n
        Accept-Encoding: gzip, deflate, compress;q=0.9\r\n
        Accept-Charset: ISO-8859-1, utf-8;q=0.66, *;q=0.66\r\n
        Keep-Alive: 300\r\n
        Connection: keep-alive\r\n
        Authorization: Basic ZXRoLXN0dWRlbnRzOm5ldHdvcmtz\r\n
        \r\n
        [Full request URI: http://gaia.cs.umass.edu/ethereal-labs/protected_pages/lab2-5.html]
        [HTTP request 1/1]
        [Response in frame: 68]
No.   Time   Source   Destination   Protocol Length Info
      68 00:40:11.438464   128.119.245.12   192.168.1.102   HTTP   499   HTTP/1.1 200 OK (text/html)
Frame 68: 499 bytes on wire (3992 bits), 499 bytes captured (3992 bits)
Ethernet II, Src: LinksysG_da:af:73 (00:06:25:da:af:73), Dst: Dell_4f:36:23 (00:08:74:4f:36:23)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.102
        0100 .... = Version: 4
        .... 0101 = Header Length: 20 bytes (5)
        Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
        Total Length: 485
        Identification: 0x04b2 (1202)
        Flags: 0x40, Don't fragment
        ...0 0000 0000 0000 = Fragment Offset: 0
        Time to Live: 55
        Protocol: TCP (6)
        Header Checksum: 0x05cf [validation disabled]
        [Header checksum status: Unverified]
        Source Address: 128.119.245.12
        Destination Address: 192.168.1.102
Transmission Control Protocol, Src Port: 80, Dst Port: 4342, Seq: 1, Ack: 569, Len: 445
        Source Port: 80
        Destination Port: 4342
        [Stream index: 2]
        [Conversation completeness: Incomplete, DATA (15)]
        [TCP Segment Len: 445]
        Sequence Number: 1   (relative sequence number)
        Sequence Number (raw): 2462372174
        [Next Sequence Number: 446   (relative sequence number)]
        Acknowledgment Number: 569   (relative ack number)
        Acknowledgment number (raw): 4269151010
        0101 .... = Header Length: 20 bytes (5)
        Flags: 0x018 (PSH, ACK)
        Window: 6816
        [Calculated window size: 6816]
        [Window size scaling factor: -2 (no window scaling used)]
        Checksum: 0x6020 [unverified]
        [Checksum Status: Unverified]
        Urgent Pointer: 0
        [Timestamps]
        [SEQ/ACK analysis]
        TCP payload (445 bytes)
Hypertext Transfer Protocol
        HTTP/1.1 200 OK\r\n
            [Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n]
            Response Version: HTTP/1.1
            Status Code: 200
            [Status Code Description: OK]
            Response Phrase: OK
        Date: Tue, 23 Sep 2003 05:40:14 GMT\r\n
        Server: Apache/2.0.40 (Red Hat Linux)\r\n
        Last-Modified: Tue, 23 Sep 2003 04:03:59 GMT\r\n
        ETag: "626ec-84-49caa9c0"\r\n
        Accept-Ranges: bytes\r\n
        Content-Length: 132\r\n
        Keep-Alive: timeout=10, max=100\r\n

```
    Connection: Keep-Alive\r\n
    Content-Type: text/html; charset=ISO-8859-1\r\n
    \r\n
    [HTTP response 1/1]
    [Time since request: 0.024878000 seconds]
    [Request in frame: 65]
    [Request URI: http://gaia.cs.umass.edu/ethereal-labs/protected_pages/lab2-5.html]
    File Data: 132 bytes
Line-based text data: text/html (6 lines)
```