1. Is your browser running HTTP version 1.0 or 1.1? What version of HTTP is the server running?
   1. Both are using version 1.1
2. What languages (if any) does your browser indicate that it can accept to the server?
   1. My browser says it can accept US English
3. What is the IP address of your computer? Of the gaia.cs.umass.edu server?
   1. My computer: 192.168.1.102 Browser: 128.119.245.12
4. What is the status code returned from the server to your browser?
   1. 200
5. When was the HTML file that you are retrieving last modified at the server?
   1. Tuesday, 23 September 2003, 5:29:00
6. How many bytes of content are being returned to your browser?
   1. There is 73 bytes of data
7. By inspecting the raw data in the packet content window, do you see any headers within the data that are not displayed in the packet-listing window? If so, name one
   1. No, I don’t see any in the message
8. Inspect the contents of the first HTTP GET request from your browser to the server. Do you see an “IF-MODIFIED-SINCE” line in the HTTP GET?
   1. There is no IF-Modified-Since line in the first http Get
9. Inspect the contents of the server response. Did the server explicitly return the contents of the file? How can you tell?
   1. The file says that there is line based text data getting returned, but doesn’t actually say what the text returned is.
10. Now inspect the contents of the second HTTP GET request from your browser to the server. Do you see an “IF-MODIFIED-SINCE:” line in the HTTP GET? If so, what information follows the “IF-MODIFIED-SINCE:” header?
    1. It has an IF-Modified-Since and after that header it says Tue, 23 September 2003 5:35:00
11. What is the HTTP status code and phrase returned from the server in response to this second HTTP GET? Did the server explicitly return the contents of the file? Explain.
    1. The status code is 304 Not Modified, And the server didn’t explicitly return any contents.
12. How many HTTP GET request messages did your browser send? Which packet number in the trace contains the GET message for the Bill or Rights?
    1. I got 1 HTTP GET request message. The packet number was 8
13. Which packet number in the trace contains the status code and phrase associated with the response to the HTTP GET request?
    1. Packet 10 contains the status code
14. What is the status code and phrase in the response?
    1. 200
15. How many data-containing TCP segments were needed to carry the single HTTP response and the text of the Bill of Rights?
    1. Three packets were needed, 10, 11, and 13
16. **\*For the next few questions I downloaded ethereal traces 4 and 5** How many HTTP GET request messages did your browser send? To which Internet addresses were these GET requests sent?
    1. The server sent three Get messages to the addresses, 128.119.245.12, 165.193.123.218, and 134.241.6.82
17. Can you tell whether your browser downloaded the two images serially, or whether they were downloaded from the two web sites in parallel? Explain.
    1. They were downloaded in parallel, since the two image gets were in packets 17 and 20 and since the second request was made before we got a 200 ok in packet 25 for the first image they were parallel.
18. What is the server’s response (status code and phrase) in response to the initial HTTP GET message from your browser?
    1. 401 Authorization Required
19. When your browser’s sends the HTTP GET message for the second time, what new field is included in the HTTP GET message?
    1. Authorization: Basic

**Trace 1**

C :\Users\kv str\Downloads\http-ethereal-trace-1 (1) 17 total packets, 4 shown No. Time Source Destination Protocol Length Info 10 00:29:47.838388 192.168.1.102 128.119.245.12 HTTP 555 GET /ethereal-labs/lab2-1.html HTTP/1.1 Frame 10: 555 bytes on wire (4440 bits), 555 bytes captured (4440 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 Transmission Control Protocol, Src Port: 4127, Dst Port: 80, Seq: 1, Ack: 1, Len: 501 Hypertext Transfer Protocol GET /ethereal-labs/lab2-1.html HTTP/1.1\r\n 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/lab2-1.html] [HTTP request 1/2] [Response in frame: 12] [Next request in frame: 13] No. Time Source Destination Protocol Length Info 12 00:29:47.862531 128.119.245.12 192.168.1.102 HTTP 439 HTTP/1.1 200 OK (text/html) Frame 12: 439 bytes on wire (3512 bits), 439 bytes captured (3512 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 Transmission Control Protocol, Src Port: 80, Dst Port: 4127, Seq: 1, Ack: 502, Len: 385 Hypertext Transfer Protocol HTTP/1.1 200 OK\r\n Date: Tue, 23 Sep 2003 05:29:50 GMT\r\n Server: Apache/2.0.40 (Red Hat Linux)\r\n Last-Modified: Tue, 23 Sep 2003 05:29:00 GMT\r\n ETag: "1bfed-49-79d5bf00"\r\n Accept-Ranges: bytes\r\n Content-Length: 73\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 1/2] [Time since request: 0.024143000 seconds] [Request in frame: 10] [Next request in frame: 13] [Next response in frame: 14] [Request URI: http://gaia.cs.umass.edu/ethereal-labs/lab2-1.html] File Data: 73 bytes Line-based text data: text/html (3 lines)

**Trace 2**

C :\Users\kv str\Downloads\http-ethereal-trace-2 (1) 20 total packets, 4 shown No. Time Source Destination Protocol Length Info 8 00:35:47.812260 192.168.1.102 128.119.245.12 HTTP 555 GET /ethereal-labs/lab2-2.html HTTP/1.1 Frame 8: 555 bytes on wire (4440 bits), 555 bytes captured (4440 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 Transmission Control Protocol, Src Port: 4247, Dst Port: 80, Seq: 1, Ack: 1, Len: 501 Hypertext Transfer Protocol GET /ethereal-labs/lab2-2.html HTTP/1.1\r\n 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/lab2-2.html] [HTTP request 1/2] [Response in frame: 10] [Next request in frame: 14] No. Time Source Destination Protocol Length Info 10 00:35:47.838894 128.119.245.12 192.168.1.102 HTTP 739 HTTP/1.1 200 OK (text/html) Frame 10: 739 bytes on wire (5912 bits), 739 bytes captured (5912 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 Transmission Control Protocol, Src Port: 80, Dst Port: 4247, Seq: 1, Ack: 502, Len: 685 Hypertext Transfer Protocol HTTP/1.1 200 OK\r\n Date: Tue, 23 Sep 2003 05:35:50 GMT\r\n Server: Apache/2.0.40 (Red Hat Linux)\r\n Last-Modified: Tue, 23 Sep 2003 05:35:00 GMT\r\n ETag: "1bfef-173-8f4ae900"\r\n Accept-Ranges: bytes\r\n Content-Length: 371\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 1/2] [Time since request: 0.026634000 seconds] [Request in frame: 8] [Next request in frame: 14] [Next response in frame: 15] [Request URI: http://gaia.cs.umass.edu/ethereal-labs/lab2-2.html] File Data: 371 bytes Line-based text data: text/html (10 lines) No. Time Source Destination Protocol Length Info 14 00:35:50.998382 192.168.1.102 128.119.245.12 HTTP 668 GET /ethereal-labs/lab2-2.html HTTP/1.1 Frame 14: 668 bytes on wire (5344 bits), 668 bytes captured (5344 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 Transmission Control Protocol, Src Port: 4247, Dst Port: 80, Seq: 502, Ack: 686, Len: 614 Hypertext Transfer Protocol GET /ethereal-labs/lab2-2.html HTTP/1.1\r\n 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 If-Modified-Since: Tue, 23 Sep 2003 05:35:00 GMT\r\n If-None-Match: "1bfef-173-8f4ae900"\r\n Cache-Control: max-age=0\r\n \r\n [Full request URI: http://gaia.cs.umass.edu/ethereal-labs/lab2-2.html] [HTTP request 2/2] [Prev request in frame: 8] [Response in frame: 15] No. Time Source Destination Protocol Length Info 15 00:35:51.021208 128.119.245.12 192.168.1.102 HTTP 243 HTTP/1.1 304 Not Modified Frame 15: 243 bytes on wire (1944 bits), 243 bytes captured (1944 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 Transmission Control Protocol, Src Port: 80, Dst Port: 4247, Seq: 686, Ack: 1116, Len: 189 Hypertext Transfer Protocol C :\Users\kv str\Downloads\http-ethereal-trace-2 (1) 20 total packets, 4 shown HTTP/1.1 304 Not Modified\r\n Date: Tue, 23 Sep 2003 05:35:53 GMT\r\n Server: Apache/2.0.40 (Red Hat Linux)\r\n Connection: Keep-Alive\r\n Keep-Alive: timeout=10, max=99\r\n ETag: "1bfef-173-8f4ae900"\r\n \r\n [HTTP response 2/2] [Time since request: 0.022826000 seconds] [Prev request in frame: 8] [Prev response in frame: 10] [Request in frame: 14] [Request URI: <http://gaia.cs.umass.edu/ethereal-labs/lab2-2.html>]

**Trace 3**

C :\Users\kv str\Downloads\http-ethereal-trace-3 (1) 19 total packets, 2 shown No. Time Source Destination Protocol Length Info 8 00:36:59.501408 192.168.1.102 128.119.245.12 HTTP 555 GET /ethereal-labs/lab2-3.html HTTP/1.1 Frame 8: 555 bytes on wire (4440 bits), 555 bytes captured (4440 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: 541 Identification: 0x0284 (644) 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: 4272, Dst Port: 80, Seq: 1, Ack: 1, Len: 501 Source Port: 4272 Destination Port: 80 [Stream index: 0] [Conversation completeness: Incomplete, DATA (15)] [TCP Segment Len: 501] Sequence Number: 1 (relative sequence number) Sequence Number (raw): 4221099754 [Next Sequence Number: 502 (relative sequence number)] Acknowledgment Number: 1 (relative ack number) Acknowledgment number (raw): 2243078756 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: 0x39a2 [unverified] [Checksum Status: Unverified] Urgent Pointer: 0 [Timestamps] [SEQ/ACK analysis] TCP payload (501 bytes) Hypertext Transfer Protocol GET /ethereal-labs/lab2-3.html HTTP/1.1\r\n [Expert Info (Chat/Sequence): GET /ethereal-labs/lab2-3.html HTTP/1.1\r\n] Request Method: GET Request URI: /ethereal-labs/lab2-3.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/lab2-3.html] [HTTP request 1/1] [Response in frame: 14] No. Time Source Destination Protocol Length Info 14 00:36:59.558596 128.119.245.12 192.168.1.102 HTTP 490 HTTP/1.1 200 OK (text/html) Frame 14: 490 bytes on wire (3920 bits), 490 bytes captured (3920 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: 476 Identification: 0x2171 (8561) Flags: 0x40, Don't fragment ...0 0000 0000 0000 = Fragment Offset: 0 Time to Live: 55 Protocol: TCP (6) Header Checksum: 0xe918 [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: 4272, Seq: 4381, Ack: 502, Len: 436 Source Port: 80 Destination Port: 4272 C :\Users\kv str\Downloads\http-ethereal-trace-3 (1) 19 total packets, 2 shown [Stream index: 0] [Conversation completeness: Incomplete, DATA (15)] [TCP Segment Len: 436] Sequence Number: 4381 (relative sequence number) Sequence Number (raw): 2243083136 [Next Sequence Number: 4817 (relative sequence number)] Acknowledgment Number: 502 (relative ack number) Acknowledgment number (raw): 4221100255 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: 0x25ab [unverified] [Checksum Status: Unverified] Urgent Pointer: 0 [Timestamps] [SEQ/ACK analysis] TCP payload (436 bytes) TCP segment data (436 bytes) [4 Reassembled TCP Segments (4816 bytes): #10(1460), #11(1460), #13(1460), #14(436)] 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 05:37:02 GMT\r\n Server: Apache/2.0.40 (Red Hat Linux)\r\n Last-Modified: Tue, 23 Sep 2003 05:37:01 GMT\r\n ETag: "1bff2-1194-96813940"\r\n Accept-Ranges: bytes\r\n Content-Length: 4500\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: 0.057188000 seconds] [Request in frame: 8] [Request URI: http://gaia.cs.umass.edu/ethereal-labs/lab2-3.html] File Data: 4500 bytes Line-based text data: text/html (98 lines)

**Trace 4**

C :\Users\kv str\Downloads\http-ethereal-trace-4 61 total packets, 6 shown No. Time Source Destination Protocol Length Info 10 00:38:41.687542 192.168.1.102 128.119.245.12 HTTP 555 GET /ethereal-labs/lab2-4.html HTTP/1.1 Frame 10: 555 bytes on wire (4440 bits), 555 bytes captured (4440 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: 541 Identification: 0x02b1 (689) 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: 4307, Dst Port: 80, Seq: 1, Ack: 1, Len: 501 Source Port: 4307 Destination Port: 80 [Stream index: 0] [Conversation completeness: Incomplete, DATA (15)] [TCP Segment Len: 501] Sequence Number: 1 (relative sequence number) Sequence Number (raw): 4246551714 [Next Sequence Number: 502 (relative sequence number)] Acknowledgment Number: 1 (relative ack number) Acknowledgment number (raw): 2354562744 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: 0x39a2 [unverified] [Checksum Status: Unverified] Urgent Pointer: 0 [Timestamps] [SEQ/ACK analysis] TCP payload (501 bytes) Hypertext Transfer Protocol GET /ethereal-labs/lab2-4.html HTTP/1.1\r\n [Expert Info (Chat/Sequence): GET /ethereal-labs/lab2-4.html HTTP/1.1\r\n] Request Method: GET Request URI: /ethereal-labs/lab2-4.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/lab2-4.html] [HTTP request 1/1] [Response in frame: 12] No. Time Source Destination Protocol Length Info 12 00:38:41.711426 128.119.245.12 192.168.1.102 HTTP 1057 HTTP/1.1 200 OK (text/html) Frame 12: 1057 bytes on wire (8456 bits), 1057 bytes captured (8456 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: 1043 Identification: 0x744b (29771) Flags: 0x40, Don't fragment ...0 0000 0000 0000 = Fragment Offset: 0 Time to Live: 55 Protocol: TCP (6) Header Checksum: 0x9407 [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: 4307, Seq: 1, Ack: 502, Len: 1003 Source Port: 80 Destination Port: 4307 C :\Users\kv str\Downloads\http-ethereal-trace-4 61 total packets, 6 shown [Stream index: 0] [Conversation completeness: Incomplete, DATA (15)] [TCP Segment Len: 1003] Sequence Number: 1 (relative sequence number) Sequence Number (raw): 2354562744 [Next Sequence Number: 1004 (relative sequence number)] Acknowledgment Number: 502 (relative ack number) Acknowledgment number (raw): 4246552215 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: 0xa622 [unverified] [Checksum Status: Unverified] Urgent Pointer: 0 [Timestamps] [SEQ/ACK analysis] TCP payload (1003 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 05:38:44 GMT\r\n Server: Apache/2.0.40 (Red Hat Linux)\r\n Last-Modified: Tue, 23 Sep 2003 05:38:00 GMT\r\n ETag: "1bff9-2b1-9a057e00"\r\n Accept-Ranges: bytes\r\n Content-Length: 689\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: 0.023884000 seconds] [Request in frame: 10] [Request URI: http://gaia.cs.umass.edu/ethereal-labs/lab2-4.html] File Data: 689 bytes Line-based text data: text/html (17 lines) No. Time Source Destination Protocol Length Info 17 00:38:41.756098 192.168.1.102 165.193.123.218 HTTP 625 GET /catalog/images/pearson-logo-footer.gif HTTP/ 1.1 Frame 17: 625 bytes on wire (5000 bits), 625 bytes captured (5000 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: 165.193.123.218 0100 .... = Version: 4 .... 0101 = Header Length: 20 bytes (5) Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT) Total Length: 611 Identification: 0x02bf (703) 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: 165.193.123.218 Transmission Control Protocol, Src Port: 4308, Dst Port: 80, Seq: 1, Ack: 1, Len: 571 Source Port: 4308 Destination Port: 80 [Stream index: 1] [Conversation completeness: Incomplete, DATA (15)] [TCP Segment Len: 571] Sequence Number: 1 (relative sequence number) Sequence Number (raw): 4246632681 [Next Sequence Number: 572 (relative sequence number)] Acknowledgment Number: 1 (relative ack number) Acknowledgment number (raw): 1516971432 0101 .... = Header Length: 20 bytes (5) Flags: 0x018 (PSH, ACK) Window: 64860 [Calculated window size: 64860] [Window size scaling factor: -2 (no window scaling used)] Checksum: 0xe5ff [unverified] [Checksum Status: Unverified] Urgent Pointer: 0 C :\Users\kv str\Downloads\http-ethereal-trace-4 61 total packets, 6 shown [Timestamps] [SEQ/ACK analysis] TCP payload (571 bytes) Hypertext Transfer Protocol GET /catalog/images/pearson-logo-footer.gif HTTP/1.1\r\n [Expert Info (Chat/Sequence): GET /catalog/images/pearson-logo-footer.gif HTTP/1.1\r\n] Request Method: GET Request URI: /catalog/images/pearson-logo-footer.gif Request Version: HTTP/1.1 Host: www.aw-bc.com\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 Referer: http://gaia.cs.umass.edu/ethereal-labs/lab2-4.html\r\n \r\n [Full request URI: http://www.aw-bc.com/catalog/images/pearson-logo-footer.gif] [HTTP request 1/1] [Response in frame: 25] No. Time Source Destination Protocol Length Info 20 00:38:41.759416 192.168.1.102 134.241.6.82 HTTP 609 GET /~kurose/cover.jpg HTTP/1.1 Frame 20: 609 bytes on wire (4872 bits), 609 bytes captured (4872 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: 134.241.6.82 0100 .... = Version: 4 .... 0101 = Header Length: 20 bytes (5) Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT) Total Length: 595 Identification: 0x02c1 (705) 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: 134.241.6.82 Transmission Control Protocol, Src Port: 4309, Dst Port: 80, Seq: 1, Ack: 1, Len: 555 Source Port: 4309 Destination Port: 80 [Stream index: 2] [Conversation completeness: Complete, WITH\_DATA (31)] [TCP Segment Len: 555] Sequence Number: 1 (relative sequence number) Sequence Number (raw): 4246666213 [Next Sequence Number: 556 (relative sequence number)] Acknowledgment Number: 1 (relative ack number) Acknowledgment number (raw): 549578021 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: 0x5197 [unverified] [Checksum Status: Unverified] Urgent Pointer: 0 [Timestamps] [SEQ/ACK analysis] TCP payload (555 bytes) Hypertext Transfer Protocol GET /~kurose/cover.jpg HTTP/1.1\r\n [Expert Info (Chat/Sequence): GET /~kurose/cover.jpg HTTP/1.1\r\n] Request Method: GET Request URI: /~kurose/cover.jpg Request Version: HTTP/1.1 Host: manic.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 Referer: http://gaia.cs.umass.edu/ethereal-labs/lab2-4.html\r\n \r\n C :\Users\kv str\Downloads\http-ethereal-trace-4 61 total packets, 6 shown [Full request URI: http://manic.cs.umass.edu/~kurose/cover.jpg] [HTTP request 1/1] [Response in frame: 54] No. Time Source Destination Protocol Length Info 25 00:38:41.783667 165.193.123.218 192.168.1.102 HTTP 912 HTTP/1.1 200 OK (GIF89a) Frame 25: 912 bytes on wire (7296 bits), 912 bytes captured (7296 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: 165.193.123.218, 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: 898 Identification: 0x46dd (18141) Flags: 0x40, Don't fragment ...0 0000 0000 0000 = Fragment Offset: 0 Time to Live: 50 Protocol: TCP (6) Header Checksum: 0x1aef [validation disabled] [Header checksum status: Unverified] Source Address: 165.193.123.218 Destination Address: 192.168.1.102 Transmission Control Protocol, Src Port: 80, Dst Port: 4308, Seq: 2761, Ack: 572, Len: 858 Source Port: 80 Destination Port: 4308 [Stream index: 1] [Conversation completeness: Incomplete, DATA (15)] [TCP Segment Len: 858] Sequence Number: 2761 (relative sequence number) Sequence Number (raw): 1516974192 [Next Sequence Number: 3619 (relative sequence number)] Acknowledgment Number: 572 (relative ack number) Acknowledgment number (raw): 4246633252 0101 .... = Header Length: 20 bytes (5) Flags: 0x018 (PSH, ACK) Window: 64860 [Calculated window size: 64860] [Window size scaling factor: -2 (no window scaling used)] Checksum: 0xb15e [unverified] [Checksum Status: Unverified] Urgent Pointer: 0 [Timestamps] [SEQ/ACK analysis] TCP payload (858 bytes) TCP segment data (858 bytes) [3 Reassembled TCP Segments (3618 bytes): #22(1380), #23(1380), #25(858)] 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 Server: Netscape-Enterprise/3.6 SP3\r\n Date: Sun, 21 Sep 2003 06:00:35 GMT\r\n Content-type: image/gif\r\n Etag: "6fc149-d1d-3ef0b3f8"\r\n Last-modified: Wed, 18 Jun 2003 18:48:24 GMT\r\n Content-length: 3357\r\n Accept-ranges: bytes\r\n Connection: keep-alive\r\n \r\n [HTTP response 1/1] [Time since request: 0.027569000 seconds] [Request in frame: 17] [Request URI: http://www.aw-bc.com/catalog/images/pearson-logo-footer.gif] File Data: 3357 bytes Compuserve GIF, Version: GIF89a No. Time Source Destination Protocol Length Info 54 00:38:42.040490 134.241.6.82 192.168.1.102 HTTP 1096 HTTP/1.0 200 Document follows (JPEG JFIF image) Frame 54: 1096 bytes on wire (8768 bits), 1096 bytes captured (8768 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: 134.241.6.82, 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: 1082 Identification: 0x46bc (18108) Flags: 0x40, Don't fragment ...0 0000 0000 0000 = Fragment Offset: 0 Time to Live: 51 C :\Users\kv str\Downloads\http-ethereal-trace-4 61 total packets, 6 shown Protocol: TCP (6) Header Checksum: 0xadb0 [validation disabled] [Header checksum status: Unverified] Source Address: 134.241.6.82 Destination Address: 192.168.1.102 Transmission Control Protocol, Src Port: 80, Dst Port: 4309, Seq: 14786, Ack: 556, Len: 1042 Source Port: 80 Destination Port: 4309 [Stream index: 2] [Conversation completeness: Complete, WITH\_DATA (31)] [TCP Segment Len: 1042] Sequence Number: 14786 (relative sequence number) Sequence Number (raw): 549592806 [Next Sequence Number: 15829 (relative sequence number)] Acknowledgment Number: 556 (relative ack number) Acknowledgment number (raw): 4246666768 0101 .... = Header Length: 20 bytes (5) Flags: 0x019 (FIN, PSH, ACK) Window: 49152 [Calculated window size: 49152] [Window size scaling factor: -2 (no window scaling used)] Checksum: 0x4b40 [unverified] [Checksum Status: Unverified] Urgent Pointer: 0 [Timestamps] [SEQ/ACK analysis] TCP payload (1042 bytes) TCP segment data (1042 bytes) [18 Reassembled TCP Segments (15827 bytes): #29(31), #30(37), #32(20), #33(46), #35(26), #36(23), #38(2), #39(1460), #41(1460), #42(1460), #44(1460), #45(1460), #47(1460), #48(1460), #50(1460), #51(1460), #53(1460), #54(1042)] Hypertext Transfer Protocol HTTP/1.0 200 Document follows\r\n [Expert Info (Chat/Sequence): HTTP/1.0 200 Document follows\r\n] Response Version: HTTP/1.0 Status Code: 200 [Status Code Description: OK] Response Phrase: Document follows Date: Tue, 23 Sep 2003 05:38:44 GMT\r\n Server: NCSA/1.5.2\r\n Last-modified: Tue, 23 Sep 2003 04:56:38 GMT\r\n Content-type: image/jpeg\r\n Content-length: 15642\r\n \r\n [HTTP response 1/1] [Time since request: 0.281074000 seconds] [Request in frame: 20] [Request URI: http://manic.cs.umass.edu/~kurose/cover.jpg] File Data: 15642 bytes JPEG File Interchange Format

**Trace 5**

C :\Users\kv str\Downloads\http-ethereal-trace-5 73 total packets, 4 shown 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 C :\Users\kv str\Downloads\http-ethereal-trace-5 73 total packets, 4 shown 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)] C :\Users\kv str\Downloads\http-ethereal-trace-5 73 total packets, 4 shown 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 C :\Users\kv str\Downloads\http-ethereal-trace-5 73 total packets, 4 shown 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)