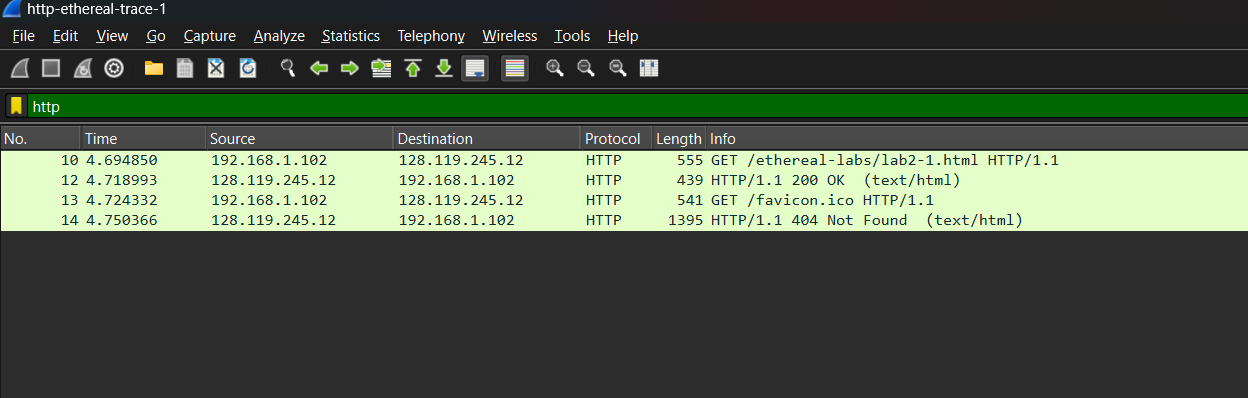
CN LAB 6

21K-3153



Q1) Running HTTP 1.1



Q2) english, en-us

A screen shot of a computer

Description automatically generated

Q3) Source and Dest IP:

A screenshot of a computer

Description automatically generated

Q4) status code: 200 OK



Last Modified

Q5) 

Q6) 73 bytes

A screen shot of a black and red screen

Description automatically generated

CONDITIONAL HTTP GET

A screenshot of a computer

Description automatically generated

Q1) No if-modified-since

Q2) Yes the server explicitly returned contents, as shown

A screenshot of a computer program

Description automatically generated

Q3)Yes, A black background with white text

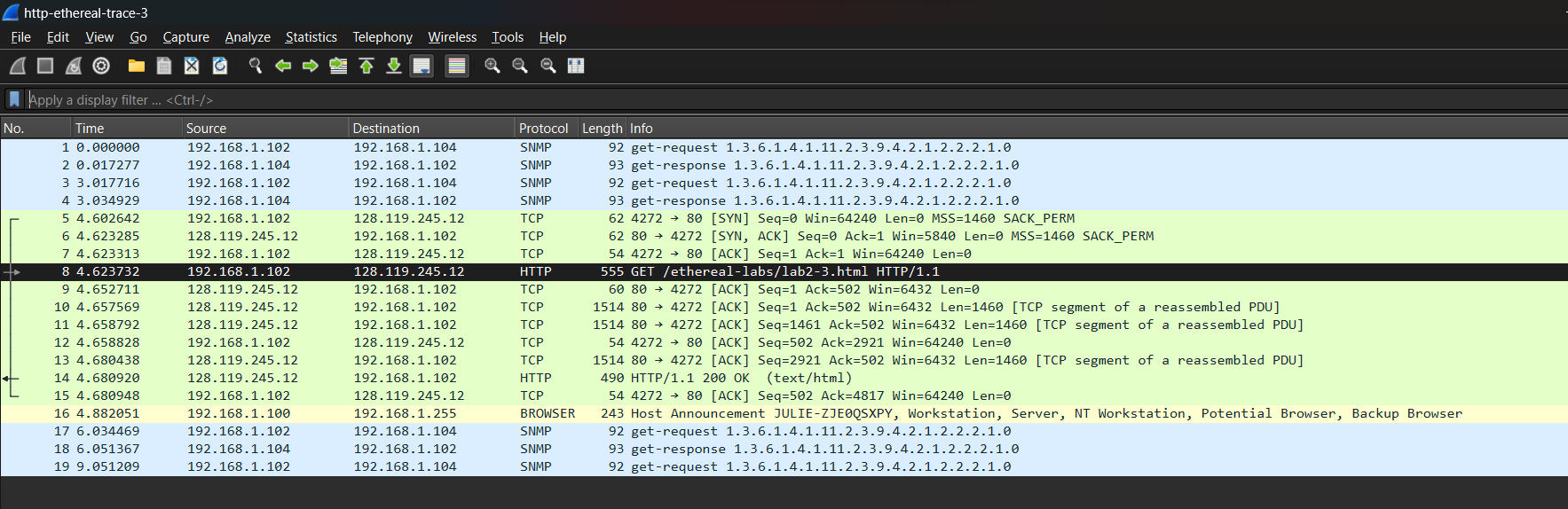
Description automatically generated

Q4) Returned status code is 304, not modified



The contents of the file are not returned.

RETRIEVING LONG DOCUMENTS

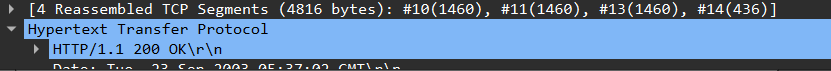


Q1) How many HTTP GET request messages did your browser send? Which packet number in the trace contains the GET message for the Bill or Rights?

1 GET request. Packet 21

Q2) 26

Q3) Status 200 OK

Q4) 

4 reassembled TCP segments

HTML DOCUMENTS WITH EMBEDDED OBJECTS:

1. How many HTTP GET request messages did your browser send?

A screenshot of a computer

Description automatically generated

3 GET requests were sent

2. Can you tell whether your browser downloaded the two images serially, or whether they were downloaded from the two web sites in parallel? Explain.

Done in parallel as 2 GET requests were sent first, then 2 responses were received.

HTTP Authentication:

1. What is the server’s response (status code and phrase) in response to the initial HTTP GET message

from your browser?



Authorization Required

2. When your browser’s sends the HTTP GET message for the second time, what new field is included

in the HTTP GET message?

A computer screen with red and white text

Description automatically generated

The authorization is sent

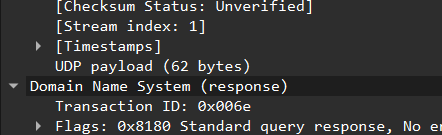
NETWORK TRAFFIC DNS ANALYSIS

A computer screen shot of a computer

Description automatically generated

1. TCP or UDP

UDP



1. Dest and Source Port

Query:

A screen shot of a computer program

Description automatically generated

Response:

A screen shot of a computer

Description automatically generated

1. What IP address is the query sent to?

A screen shot of numbers

Description automatically generated

4) Examine the DNS query message. What “Type” of DNS query is it? Does the query message contain

any “answers”?

A screenshot of a computer program

Description automatically generated

No Answers. Type A

5) How many answers in DNS response

2 answers

A screenshot of a computer program

Description automatically generated