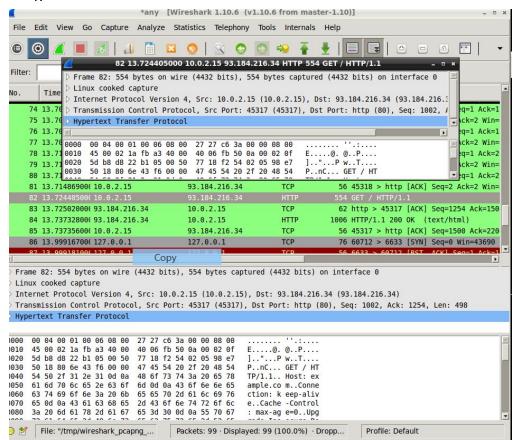
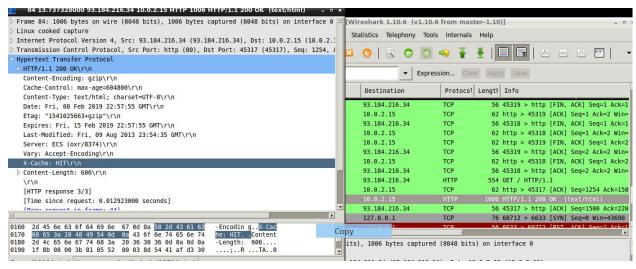
Lab 2



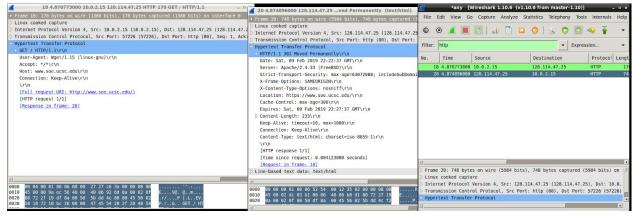
The method HTTP method used is GET request. The URI is: [Full request URI: http://example.com]

2.



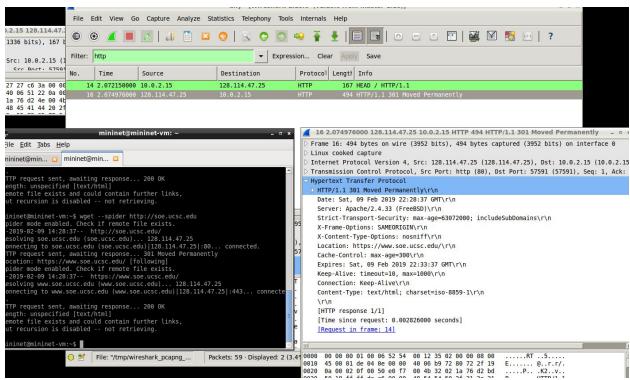
The HTTP status code is: HTTP/1.1.2.00 OK\r\n

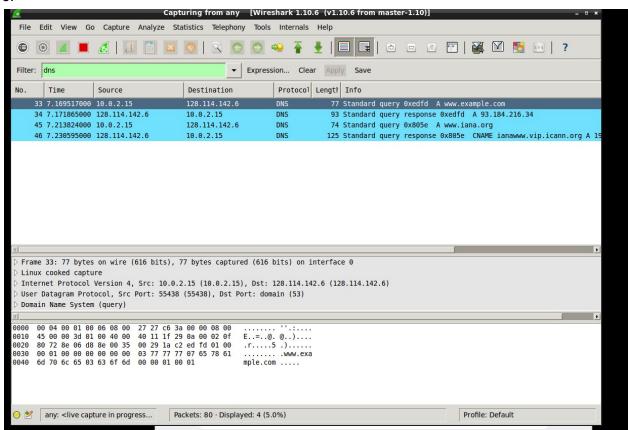
The Content Type is: text/html; charset=UTF8\r\n



These packets are different because there is only one request and one response. The status code is 1.1.301 Moved Permanent.

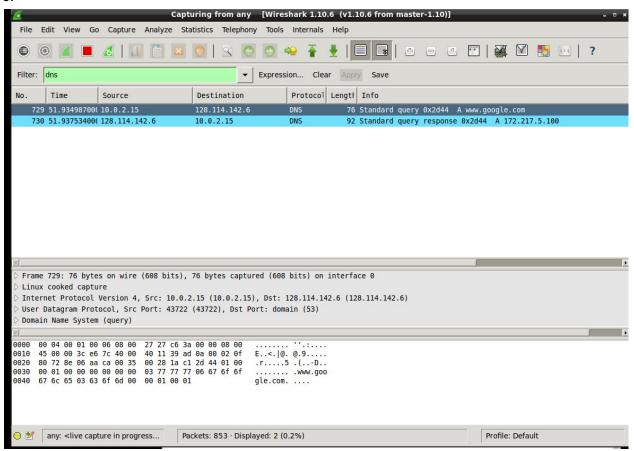
4. Using the wget --spider command will create the HTTP request. Instead of using GET request it uses HEAD.



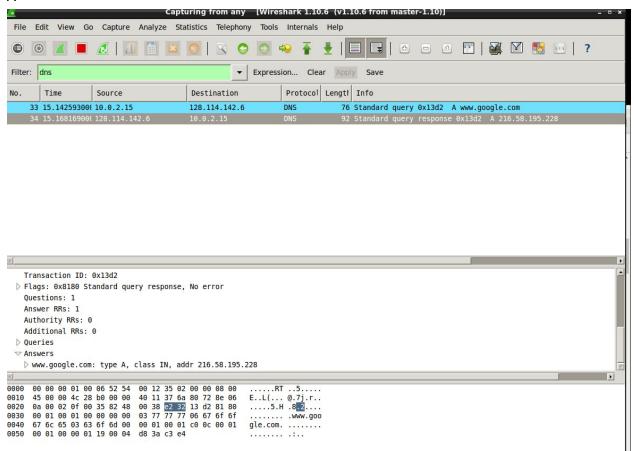


These packets allow my computer to get to <a href="https://www.example.com">www.example.com</a>

There is a Standard query and response, which allows the computer to direct to the correct site.

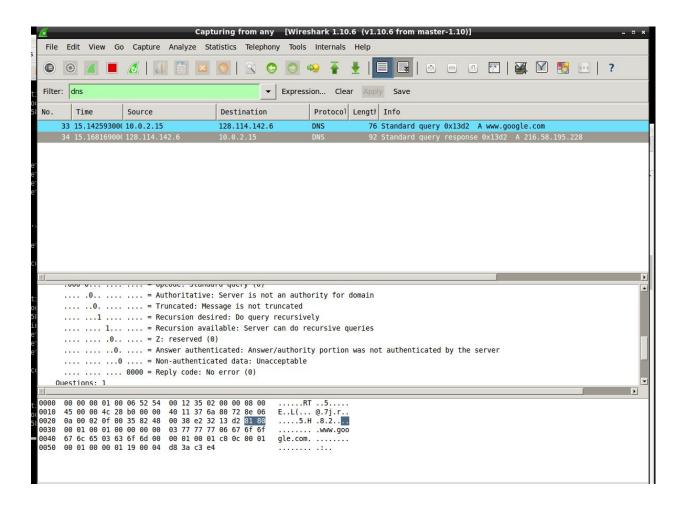


Navigating to <a href="http://216.58.193.68">http://216.58.193.68</a>. Will show these two packets. These are the correct packets because there is a single standard query and one standard query response.



The IP address given is 216.58.195.228

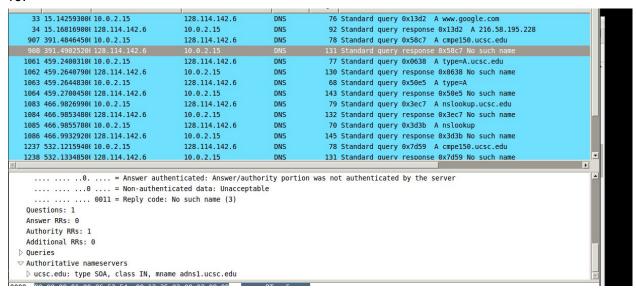
8. The computer wanted to complete the request recursively. I know this because under Flags, it states that Recursion is Desired: Do query recursively.



9.

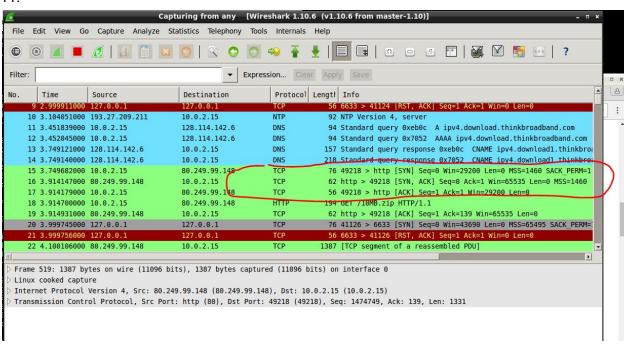


The response to the Standard query is No such name. The server cannot get an IP address.

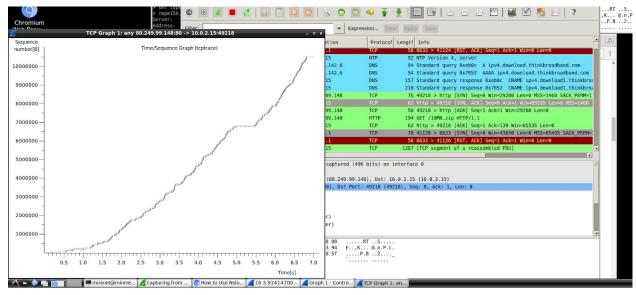


The authoritative name server is ucsc.edu: type SOA, class IN, mname adns1.ucsc.edu This is under the response query information.

11.

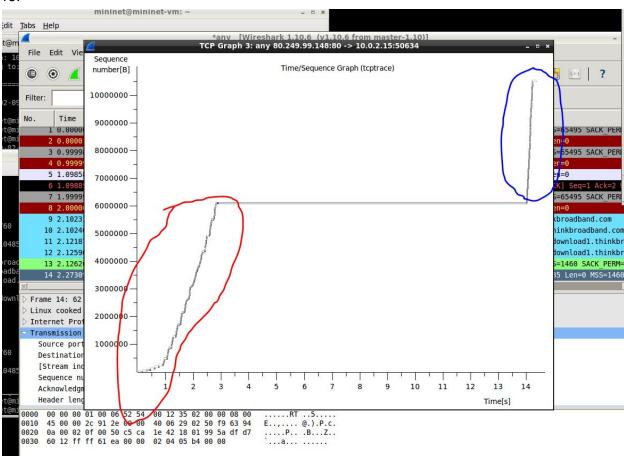


The original window size stated by my computer is: 29200 The initial window size the server advertised is: 65535



This graph represents slow start, which means only one packet is sent with each acknowledgement. It is showing sequence numbers compared to time.





Peter Jiang 2/10/2019 CMPE150

This graph is showing three parts: First shows the slow start curved part sloping up. The horizontal part of the graph is where the 100% loss occurs because no packets are being sent. Then the last part of the graph is the congestion where the line is straight up. Red Circle is 0% Loss and Slow Start Blue Circle is congestion avoidance