Network Traffic Analysis (HTTP – HTTP.pcapng)

Use the provided packet capture to answer these questions about some HTTP traffic.

1. How many total ICMP messages were captured in this pcap?

134

2. How many HTTP requests were made? (Hint: You may use the ‘http.request.method’ filter)

9

3. What was the HTTP response status code for the first HTTP request? (Such as 404 Not

Found, etc.) 301 Moved Permanently

4. What is the name of the server software that is hosting bing.com? Microsoft-IIS 8.5

5. What is the PNG Signature of the image that was downloaded in this capture? 89504e470d0a1a0a

6. What is the name of the client software used to make these HTTP requests? (Hint: You

may refer to the User Agent field) Linux-gnu Wget

7. What packet number indicated that the server did not have a matching file for the URL

requested? 234

8. What is the full URL of the image file downloaded http://www.google.com/images/branding/googlelogo/2x/googlelogo\_color\_272x92dp.png