1.what is the ip address of the dns/http client in the trace file?

Answer:

192.168.1.72 same in http and dns , no filter used Graphical user interface, application, table

Description automatically generated

2. what is the ip address of the dns server?

Answer:

192.168.1.254, filter used: dns



3.what dns response time is seen in this trace file?

Answer:

0.256361 seconds, filter used: dnsA screenshot of a computer

Description automatically generated with low confidence



4.Do you think this trace was taken closer to the http client or closer to the http servers?

Answer:

http client was taken closer, the TTL of the client is higher 128 then the servers which are 45 and 46, filter used :http

A picture containing text

Description automatically generated

5. what are the IP addresses of the http servers to which the client successfully connected?

Answer:

98.136.187.13 and 98.139.206.151 (filter shown in screenshot) Graphical user interface, application, table, Excel

Description automatically generated

6. what are the http host names of the target http servers?

Answer:

visit.webhosting.yahoo.com\r\n (98.139.206.151)

[www.wiresharktraining.com\r\n](http://www.wiresharktraining.com\r\n) (98.136.187.13), filter used: http.host

Text

Description automatically generated with low confidence

7.how many tcp syn packet did the client send to the http servers?

Answer:

8

(filter used are shown in the screenshot I could have also added tcp.flags.ack == 0)

Graphical user interface, table

Description automatically generated

8.what uniform resource identifier (URI) does the client request first in this trace file?

Answer:

HTTP/1.1\r\n, filter used: http

Graphical user interface, text, application

Description automatically generated

9.what HTTP error response(s) are seen in this trace file?

404 Not found, filter used: http



Answer:

10.what requested web object could not be found on the HTTP server?

Answer:

favicon.ico, filter used: http



Graphical user interface, text, application

Description automatically generated

11.what TCP port numbers did the client open to communicate with the HTTP server

Answer:

6128, 6129, 6130, 6131, 6136, 6140, filter used: http





תודה לבדיקה!