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## Task 1 - Explore HTTP

1. What is the IP address of your computer? Of the *gaia.cs.umass.edu* server?

Ip address of my computer is 192.168.0.11 and of the *gaia.cs.umass.edu* server is 128.119.245.12

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

1. What is the status code and phrase returned from the server to your browser?

The status code is 200 and phase is OK which is returned from the server to my browser.

Text

Description automatically generated with medium confidence

1. What languages does your browser indicate to the server that it can accept? Which header line is used to indicate this information?

Languages which my browser indicated to the server are en-Us and en. The header line which indicates this information is Accept Language Header.

Graphical user interface, text, application, email

Description automatically generated

1. How many bytes of content (size of file) are returned to your browser? Which header line is used to indicate this information?
   1. bytes as indicated by Content-Length header line.

## Graphical user interface, text, application Description automatically generated

1. How long did it take from when the HTTP GET message was sent until the HTTP OK reply was received? (By default, the value of the Time column in the packet listing window is the amount of time, in seconds, since Wireshark tracing began. To display the Time field in time-of-day format, select the Wireshark View pull down menu, then select Time Display Format, then select Time-of-day.)

53.925807 (OK) - 53.865324 (GET) = 0.060483 seconds it took from HTTP GET message to HTTP OK reply

A picture containing text

Description automatically generated

**Task 2 - Capture a traceroute**

Command Prompt Screenshot

Text

Description automatically generated

ICMP Screenshot

Graphical user interface, application, table

Description automatically generated