

# Part A

The screenshot shows a web browser at `localhost:6789/HelloWorld.html`. The page content is "Hello World". The browser's developer tools are open to the Network tab, showing a single request for `HelloWorld.html` with a status of 200, type of document, and a size of 117 B. The waterfall chart shows the request starting at approximately 100 ms and ending at 315 ms.

Name	Status	Type	Initiator	Size	Time	Waterfall
HelloWorld.html	200	docu...	Other	117 B	315 ms	

# Part B

The screenshot shows a web browser at `localhost:8888/gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html`. The page content is "Congratulations. You've downloaded the file `http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html`". The browser's developer tools are open to the Network tab, showing two requests: `favicon.ico` (status 200, type text/css, size 17 B, time 5.28 s) and `HTTP-wireshark-file1.html` (status 200, type document, size 503 B, time 49 ms). The waterfall chart shows the requests starting at approximately 100 ms and ending at 6000 ms.

Name	Status	Type	Initiator	Size	Time	Waterfall
favicon.ico	200	text/...	Other	17 B	5.28 s	
HTTP-wireshark-file1...	200	docu...	Other	503 B	49 ms	

The screenshot shows a web browser at `localhost:8888/gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html`. The page content is "Congratulations again! Now you've downloaded the file `lab2-2.html`. This file's last modification date will not change. Thus if you download this multiple times on your browser, a complete copy will only be sent once by the server due to the inclusion of the `IN-MODIFIED-SINCE` field in your browser's HTTP GET request to the server."

The browser's developer tools are open to the Network tab, showing two requests: `HTTP-wireshark-file2.html` (status 200, type document, size 3 ms, time 3 ms) and `favicon.ico` (status 200, type text/css, size 17 B, time 5 ms). The waterfall chart shows the requests starting at approximately 20 ms and ending at 100 ms.

Name	Status	Type	Initiator	Size	Time	Waterfall
HTTP-wireshark-file2...	200	docu...	Other	(disk...	3 ms	
favicon.ico	200	text/...	Other	17 B	5 ms	

Historical Documents: THE BILL OF RIGHTS  
localhost:8888/gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file3.html

**THE BILL OF RIGHTS**  
*Amendments 1-10 of the Constitution*

The Conventions of a number of the States having, at the time of adopting the Constitution, expressed a desire, in order to prevent misconstruction or abuse of its powers, that further declaratory and restrictive clauses should be added, and as extending the ground of public confidence in the Government will best insure the beneficent ends of its institution;

Resolved, by the Senate and House of Representatives of the United States of America, in Congress assembled, two-thirds of both Houses concurring, that the following articles be proposed to the Legislatures of the several States, as amendments to the Constitution of the United States; all or any of which articles, when ratified by three-fourths of the said Legislatures, to be valid to all intents and purposes as part of the said Constitution, namely:

**Amendment I**

Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof; or abridging the freedom of speech, or of the press; or the right of the people peaceably to assemble, and to petition the government for a redress of grievances.

**Amendment II**

A well regulated militia, being necessary to the security of a free state, the right of the people to keep and bear arms, shall not be infringed.

**Amendment III**

No soldier shall, in time of peace be quartered in any house, without the consent of the owner, nor in time of war, but in a manner to be prescribed by law.

**Amendment IV**

The right of the people to be secure in their persons, houses, papers, and effects, against unreasonable searches and seizures, shall not be violated, and no warrants shall issue, but upon probable cause, supported by oath or affirmation, and particularly describing the place to be searched, and the persons or things to be seized.

**Amendment V**

No person shall be held to answer for a capital, or otherwise infamous crime, unless on a presentment or indictment of a grand jury, except in cases arising in the land or naval forces, or in the militia, when in actual service in time of war or public danger, nor shall any person be subject for the same offense to be twice put in jeopardy of life or limb; nor shall be compelled in any criminal case to be a witness against himself, nor be deprived of life, liberty, or property, without due process of law; nor shall private property be taken for public use, without just compensation.

**Amendment VI**

In all criminal prosecutions, the accused shall enjoy the right to a speedy and public trial, by an impartial jury of the state and district wherein the crime shall have been committed, which district shall have been previously ascertained by law, and to be informed of the nature and cause of the accusation; to be confronted with the witnesses against him; to have compulsory process for obtaining witnesses in his favor, and to have the assistance of counsel for his defense.

**Amendment VII**

In suits at common law, where the value in controversy shall exceed twenty dollars, the right of trial by jury shall be preserved, and no fact tried by a jury, shall be otherwise reexamined in any court of the United States, than according to the rules of the common law.

**Amendment VIII**

Excessive bail shall not be required, nor excessive fines imposed, nor cruel and unusual punishments inflicted.

**Amendment IX**

The enumeration in the Constitution, of certain rights, shall not be construed to deny or disparage others retained by the people.

2 requests | 4.9 kB transferred | 4.5 kB resources | Finish: 341 ms | DOMContentLoaded: 400 ms | Load: 400 ms

Lab2-4 file: Embedded URLs  
localhost:8888/gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html

**Pearson**

This little HTML file is being served by gaia.cs.umass.edu. It contains two embedded images. The image above, also served from the gaia.cs.umass.edu web site, is the logo of our publisher, Pearson. The image of our 8th edition book cover below is stored at, and served from, a WWW server kurose.cslash.net in France:

James F. Kurose | Keith W. Ross  
**COMPUTER NETWORKING**  
A TOP-DOWN APPROACH, 8th Edition

And while we have your attention, you might want to take time to check out the available open resources for this book at [http://gaia.cs.umass.edu/kurose\\_ross](http://gaia.cs.umass.edu/kurose_ross).

2 requests | 4.9 kB transferred | 4.5 kB resources | Finish: 341 ms | DOMContentLoaded: 400 ms | Load: 400 ms

JPG\_File.jpg (900x1125)

localhost:8888/JPG\_File.jpg

James F. Kurose | Keith W. Ross



COMPUTER NETWORKING

A TOP-DOWN APPROACH

Eighth Edition

Network

Filter

Blocked Requests

3rd-party requests

50 ms 100 ms 150 ms 200 ms 250 ms 300 ms 350 ms 400 ms

Name	Status	Type	Initiator	Size	Time	Waterfall
favicon.ico	200	text/...	Other	17 B	316 ...	
JPG_File.jpg	200	docu...	Other	498 kB	6 ms	

2 requests | 498 kB transferred | 498 kB resources | Finish: 372 ms | DOMContentLoaded: 20 ms | Load: 5

