Bookmarks

- Pre-course Materials
- Topic 1: Course Overview
- Topic 2: The Link Layer
- Topic 3: The Network Layer
- Topic 4: Routing
- Topic 5: The Transport Layer
- Topic 6: Reliable Transfer Protocols

In this task, we look at what happens when we download a HTML file with embedded objects, i.e. a file that includes other objects (e.g. image files) that are possibly stored on other server(s).

1. Start your web browser, and make sure your browser cache is cleared.

2. Restart packet capture in Wireshark.

3. Enter the following URL into your browser once

http://hkustx-elec1200.ust.hk/3x_lab4/ELEC1200_3x_Lab4_Task5.htm

Your browser should display a short HTML file with two images.

4. Stop Wireshark packet capture, and enter “http” in the display-filter-specification window.

Lab 4 Task 4 Question 1

(1/1 point)

How many HTTP GET request were sent by your browser? Ignore any GET requests for /favicon.ico

▾ Topic 7: The Application Layer

7.1 Application Layer
Week 4 Quiz due Feb 15, 2016 at 15:30 UTC

7.2 Hypertext Transfer Protocol (HTTP)
Week 4 Quiz due Feb 15, 2016 at 15:30 UTC

7.3 Domain Name System (DNS)
Week 4 Quiz due Feb 15, 2016 at 15:30 UTC

7.4 Lab 4 - Application Layer
Lab due Feb 15, 2016 at 15:30 UTC

▸ Topic 8: Course Review

▸ MATLAB download and tutorials

3 ✔ **Answer:** 3

3

EXPLANATION

These two images are referenced in the base HTML file. That is, the images themselves are not contained in the HTML, which is served by http://www.ece.ust.hk. Instead, the URLs for the images are contained in the downloaded HTML file. Your browser will have to retrieve these images from the indicated web sites.

You have used 1 of 3 submissions

Lab 4 Task 4 Question 2

(1/1 point)

To which Internet IP addresses was the first GET request sent?

143.89.190.130 ▾ ✔ **Answer:** 143.89.190.130

EXPLANATION

The first GET request is sent to retrieve the file ELEC1200_3x_Lab4_TaskT5.htm. This HTML file is served by hkustx-elec1200.ust.hk.

You have used 1 of 2 submissions

Lab 4 Task 4 Question 3

(1/1 point)

To which Internet IP addresses was the GET request for the file 1316137853_a1.jpg sent?

143.89.125.253 ▾ ✔ **Answer:** 143.89.125.253

EXPLANATION

The image main_pic_about.jpg is from the website of robotics institute of UST, and is on server http://ri.ust.hk/ The image 13161337853_a1.jpg is from the website of School of Engineering of UST, and is on server http://www.seng.ust.hk/

Here we are asking the IP of the website which contains the second image.

You have used 2 of 2 submissions

© All Rights Reserved

© edX Inc. All rights reserved except where noted. EdX, Open edX and the edX and Open EdX logos are registered trademarks or trademarks of edX Inc.

POWERED BY OPENedX

Download on the App Store

ANDROID APP ON Google play