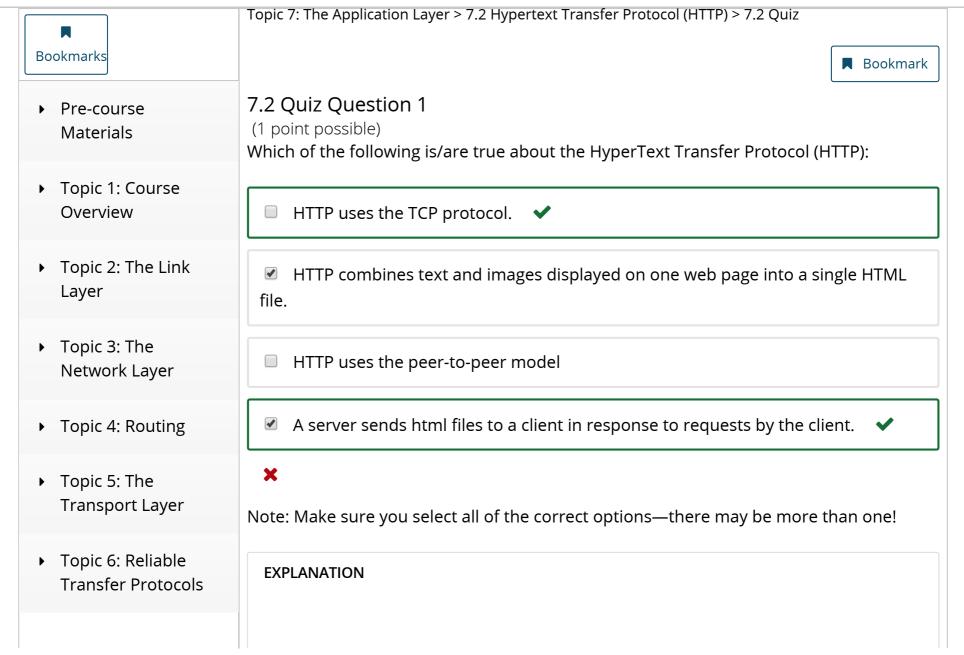


HKUSTx: ELEC1200.3x A System View of Communications: From Signals to Packets (Part 3)



▼ 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

7.2 Quiz Question 1 | 7.2 Hypertext Transfer Protocol (HTTP) | ELEC1200.3x Courseware | edX

Text and images are contained in separate files, also known as objects, stored on the server. These are retrieved by separate requests by the client to the server. HTTP uses the client-server model.

You have used 2 of 2 submissions

Quiz 7.2 Question 2

(1/1 point)

Why do organizations with many users often use a web cache to speed up web browsing for their users?

- The web cache uses source coding to compress data from the server so it takes less time to transfer.
- The web cache increases the speed of the link from the organization to the outside world.
- The web cache reduces the amount of data that must be transferred into the institution from outside servers. ✓
- The web cache increases the speed of links inside the organization.

EXPLANATION

7.2 Quiz Question 1 | 7.2 Hypertext Transfer Protocol (HTTP) | ELEC1200.3x Courseware | edX

Web caches store recently accessed objects by clients within the organization so that they do not need to be retrieved from the server, but rather can be delivered directly to the client. This is typically done because the link to the outside world is limited, and too much traffic would increase delay.

You have used 1 of 2 submissions

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