edX | **HKUSTx: ELEC1200.3x A System View of Communications: From Signals to...**

Topic 2: The Link Layer > 2.1 Link Layer > 2.1 Quiz

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2.1 QUIZ QUESTION 1 (1/1 point)

What is the name of a packet in the link layer?

- ○ Message

- ○ Datagram

- ○ Segment

- ◉ Frame ✔

EXPLANATION

A frame is a packet in the link layer. A datagram is a packet in the network layer. A segement is a packet in the transport layer. A messsage is a packet in the application layer.

You have used 1 of 2 submissions

2.1 QUIZ QUESTION 2 (1/1 point)

Which of the following is/are (a) service(s) provided by the link layer?

- ☑ Framing ✔

- ☑ Error Detection ✔

- ☑ Media Access Control ✔

Sidebar

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▶ Pre-course Materials

▶ Topic 1: Course Overview

▼ **Topic 2: The Link Layer**

2.1 Link Layer
Week 1 Quiz due Jan 25, 2016 at 15:30 UTC 🖉

2.2 Multiple Access Protocols
Week 1 Quiz due Jan 25, 2016 at 15:30 UTC 🖉

2.3 Aloha Protocol
Week 1 Quiz due Jan 25, 2016 at 15:30 UTC 🖉

2.4 Efficiency of Slotted Aloha
Week 1 Quiz due Jan 25, 2016 at 15:30 UTC 🖉

2.5 Lab 1: Link Layer
Lab due Jan 25, 2016 at 15:30 UTC 🖉

▶ MATLAB download and tutorials

☐ Routing

✔

Note: Make sure you select all of the correct options—there may be more than one!

EXPLANATION

Routing is a service provided in the network layer, but not in the link layer. Note that the services provided by the link layer may also be provided by other layers.

You have used 1 of 2 submissions

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