

EE4221 Lecture 1 Questions

What is Cloud Computing

Q1. Go to web and have a look on Google Docs. Where are the documents saved in Google Docs?

- a. in the cloud **
- b. in client computers
- c. I don't know

Q2. When you are editing a document by Google Docs, the computer that performs the processing is:

- a. in the cloud **
- b. the client computer **
- c. I don't know

Q3. Go to web and have a look on Adobe Creative Cloud. Where are the files saved in Creative Cloud?

- a. in the cloud **
- b. in client computers
- c. I don't know

Q4. When you are working with Creative Cloud, the computer that performs the processing is:

- a. in the cloud
- b. the client computer **
- c. I don't know

Q5. Use a browser to access Google Maps. When you are working with Google Maps, the computer that performs the processing is:

- a. in the cloud
- b. the client computer
- c. both a & b **
- d. I don't know

Cloud Computing Fundamentals - A Small LAN part 1

Q1. An UTP cable can always be used in

- a. 10 Mbps connection **
- b. 100 Mbps connection
- c. 1000 Mbps connection
- d. all of the above
- e. I'm not sure

Q2. I think UTP cables are used extensively in a data center.

- a. true **
- b. false

Q3. Do you have a broadband router at home?

- a. yes
- b. no
- c. I'm not sure

Q4. Find the IP address of the workstation that you are using. Can you find it?

- a. yes, I can
- b. no, I can't

Q5. A smartphone is running Android as its operating system. Do you think TCP/IP is running on the smartphone?

- a. no
- b. yes, TCP/IP is running as part of Android OS **
- c. yes, TCP/IP is running as an apps of Android
- d. I don't know

Q6. What is the IP address of CityU's Web site www.cityu.edu.hk?

- a. 144.214.2.254
- b. 144.214.5.218 **
- c. 181.74.0.1
- d. I don't know

Q7. For the IP address 144.214.3.5 in CityU's network,

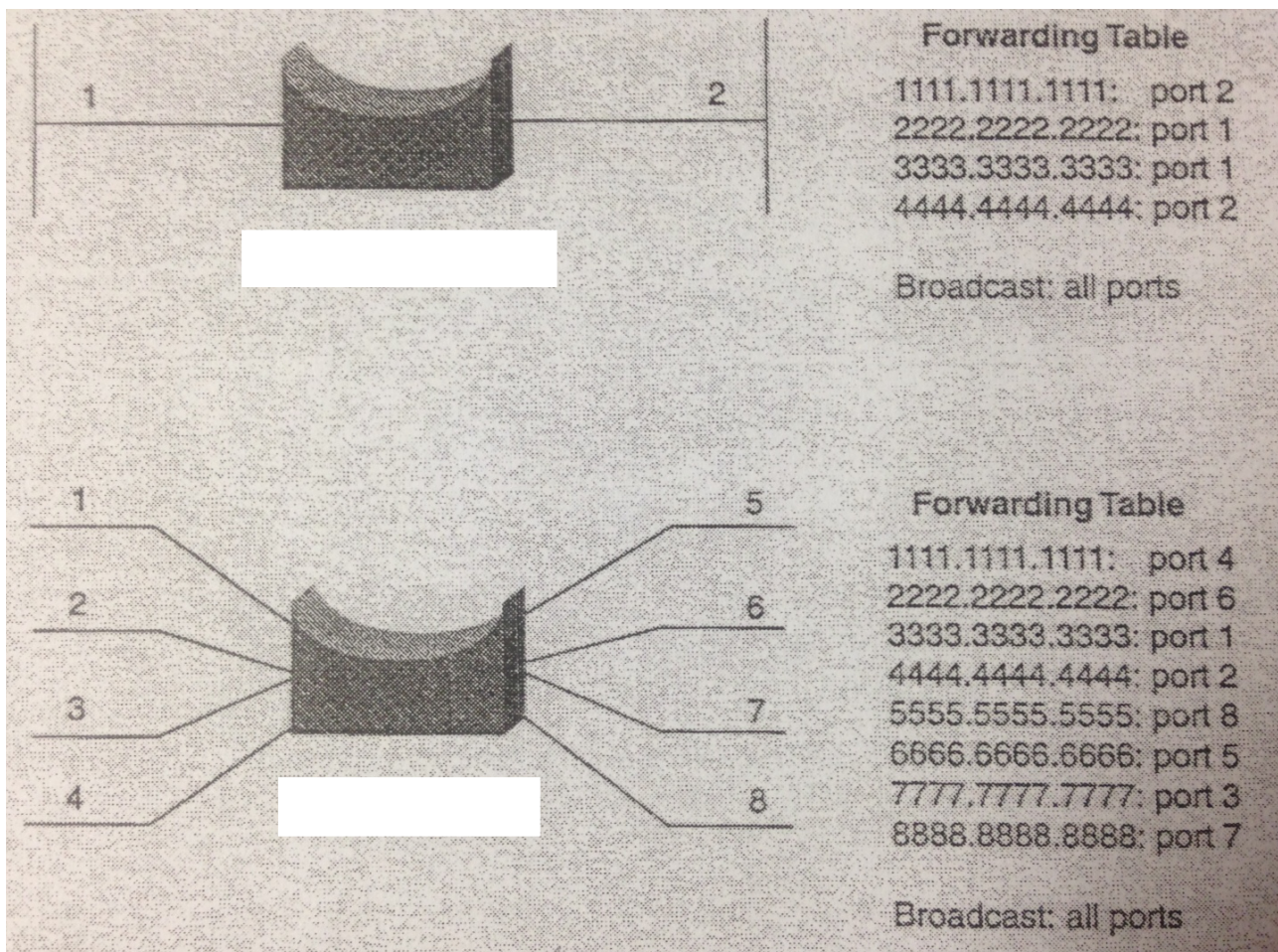
- a. the network identification part is 144 and the host identification part is 214.3.5
- b. the network identification part is 144.214 and the host identification part is 3.5 **
- c. the network identification part is 144.214.3 and the host identification part is 5

d. I don't know

Q8. Routers are used:

- a. for connecting networks together
- b. for forwarding IP packets from networks to networks
- c. both for connecting networks together and forwarding IP packets from networks to networks **
- d. I don't know

A Simplified Infrastructure of Data Centers - Part 1



Q1. If an Ethernet frame with source address 4444.4444.4444 and destination address 0000.aaaa.aaaa is sent to port 1 of the switches, which of the port(s) will this frame be sent out?

Upper switch: port 2

Lower switch: 2,3,4,5,6,7,8

Q2. Repeat Q1 if the destination address of the frame is 1111.1111.1111

Upper switch: port 2

Lower switch: 4

Q3. Repeat Q1 if the destination address of the frame is 2222.2222.2222

Upper switch: none

Lower switch: 6

Q4. Repeat Q1 if the destination address of the frame is 3333.3333.3333

Upper switch: none

Lower switch: none

Q5 Repeat Q1 if the Ethernet frame is a broadcast one.

Upper switch: port 2

Lower switch: 2,3,4,5,6,7,8