STUDENT VERSION (Week-2)

TEAMWORK

CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

▶ Icebreaking

▶ Questions

▶ Video of the week

▶ Retro meeting

▶ Coding Challenge

Teamwork Schedule

Ice-breaking   10m

- Personal Questions (Stay at home & Corona, Study Environment, Kids etc.)
- Any challenges (Classes, Coding, AWS, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

Team work   10m

- Ask what exactly each student does for the team, if they know each other, if they care for each other, if they follow and talk with each other etc.

Ask Questions   15m

1. In On-Demand instance model, each virtual machine has an .... price.

A. Yearly
B. Weekly
C. <mark>Hourly</mark>
D. Monthly

2. Encapsulation is the process of taking data from one protocol and translating it into another protocol, so the data can continue across a network.

A. True
B. <mark>False</mark>

3. Which command is used for modifying a user's properties?

A. who am i
B. sudo su
C. <mark>usermod</mark>
D. groupadd

4. The network address of 172.16.0.0/19 provides how many subnets and hosts?

A. 7 subnets, 30 hosts each

B. <mark>8 subnets, 8.190 hosts each</mark>

C. 8 subnets, 2.046 hosts each

D. 7 subnets, 2.046 hosts each

5. What is the default subnet mask for a Class B address?

A. 255.0.0.0

B. <mark>255.255.0.0</mark>

C. 255.255.255.0

D. 255.255.255.255

6. Which two statements are correct about IPv4 and IPv6 addresses? (Choose two.)

A. <mark>IPv6 addresses are represented by hexadecimal numbers.</mark> IPv6 addresses are represented by hexadecimal numbers and are 128 bits in length.

B. IPv4 addresses are represented by hexadecimal numbers.

C. IPv6 addresses are 32 bits in length.

D. <mark>IPv4 addresses are 32 bits in length.</mark> IPv4 addresses are represented as dotted decimal numbers and are 32 bits in length.

E. IPv4 addresses are 128 bits in length.

F. IPv6 addresses are 64 bits in length.

7. Which IPv4 address format looks like 201.192.1.14 and was created for ease of use by people?

A. Binary

B. <mark>Dotted-decimal</mark> For ease of use by people, binary patterns are represented as dotted decimal. Computer systems were created to understand binary addressing.

C. Hexadecimal

D. ASCII

8. How many bits are in an IPv4 address?

A. <mark>32</mark>

B. 64

C. 128

D. 256

9. How do you see hidden files in your home directory?

A. ls -h

B. <mark>ls -a</mark>

C. ls -hn

D. ls -hr

E. ls -l

10. How do you find out information about your identity, including the names of the groups you are in??

A. Echo $UID
B. Id
C. <mark>cat/etc/passwd</mark>
D. <mark>cat/etc/groups</mark>
E. None of the above

Video of the Week   10m

- AWS Cloud Computing Basics

Retro Meeting on a personal and team level   10m

Ask the questions below:

- What went well?
- What could be improved?
- What will we commit to do better in the next week?

Coding Challenge   5m

- Coding Challenge: Convert Milliseconds into Hours, Minutes, and Seconds

Closing   5m

-Next week's plan

-QA Session