

TEAMWORK (Week2)

Friday, 25 June 2021 16:49

8-21-tw-002-student.md

6/21/2021

STUDENT VERSION (Week-2)



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. Hourly
D. Monthly

[AWS Instances](#)

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. False

[Data Encapsulation](#)

2. Kapsülleme, bir protokolden veri alma ve başka bir Protokole çevirme işlemidir, böylece veriler bir ağ üzerinden devam edebilir.

Q: What is data encapsulation?
A: Data encapsulation is the process of breaking down information into smaller manageable chunks before it is transmitted across the network. These chunks are wrapped with protocol information at each layer of the OSI model. In this process, the source and destination addresses are attached into the headers, along with parity checks.

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

S: Veri kapsülleme nedir?
C: Veri kapsülleme, bilgiyi ağ üzerindeki iletimden önce daha küçük yönetilebilir parçalara ayırma işlemidir. Bu parçalar, OSI modelinin her katmanında protokol bilgileriyle sarılır. Bu süreçte, kaynak ve hedef adresleri, eşlik kontrolüyle birlikte başlıklara eklenir.

Kapsülleme ... verileri bir ağ üzerinden devam ettirmek için bir protokolden veri alıp başka bir protokole çevirme işlemidir.

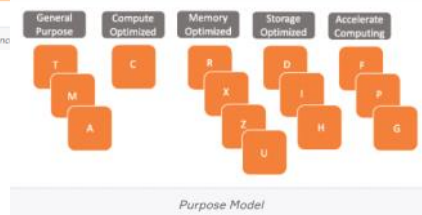
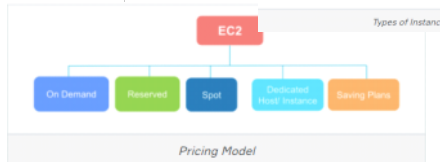
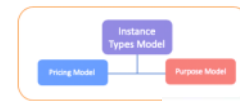
3. Which command is used for modifying a user's properties?

- A. who am i
B. sudo su
C. usermod
D. groupadd

usermod command or modify user is a command in Linux that is used to change the properties of a user in Linux through the command line. After creating a user we have to sometimes change their attributes like password or login directory etc.

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usermod command veya modify user, Linux'ta bir kullanıcının özelliklerini komut satırı üzerinden değiştirmek için kullanılan bir komuttur. Bir kullanıcı oluşturduktan sonra bazen şifre veya giriş dizini vb. gibi niteliklerini değiştirmeliyiz.



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

- A. 7 subnets, 30 hosts each
B. 8 subnets, 8,190 hosts each
C. 8 subnets, 2,046 hosts each
D. 7 subnets, 2,046 hosts each

Prefix size	Network mask	Usable hosts per subnet
/19	255.255.224.0	8,190

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

- A. 255.0.0.0
B. 255.255.0.0
C. 255.255.255.0
D. 255.255.255.255

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

- A. IPv6 addresses are represented by hexadecimal numbers.
B. IPv4 addresses are represented by hexadecimal numbers.
C. IPv6 addresses are 32 bits in length.
D. IPv4 addresses 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. Dotted-decimal
C. Hexadecimal
D. ASCII

7. Hangi IPv4 Adres formatı 201.192.1.14'e benziyor ve insanlar tarafından kullanım kolaylığı için oluşturuldu?

8. How many bits are in an IPv4 address?

- A. 32
B. 64
C. 128
D. 256

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

- A. ls -h
B. ls -a
C. ls -hn
D. ls -hr

- A. ls -h
- B. ls -a**
- C. ls -hn
- D. ls -hr
- E. ls -l

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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. cat/etc/passwd
- D. cat/etc/groups
- E. None of the above

Video of the Week

10m

- [AWS Cloud Computing Basics](#)

[AWS In 10 Minutes](#) | [AWS Tutorial For Beginners](#) | [AWS Training Video](#) | [AWS Tutorial](#) | [Simplilearn](#)

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

<https://github.com/clarusway/clarusway-aws-8-21/tree/main/python/coding-challenges/cc-002-convert-millisecs-to-hours-mins-secs>

-Next week's plan

-QA Session

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