STUDENT VERSION (Week-2)

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TEAMWORK

CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

▶ Icebreaking

▶ Questions

▶ Interview/Certification Questions

▶ Coding Challenge

▶ Video of the week

▶ Retro meeting

▶ Case study / project

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

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

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

A. who am i
B. sudo su
C. usermod
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. 8 subnets, 8.190 hosts each
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. 255.255.0.0
C. 255.255.255.0
D. 255.255.255.255

Interview/Certification Questions   20m

1. Which of the following can be used to manage identities in AWS.

A. AWS Config
B. AWS IAM
C. AWS Trusted Advisor
D. AWS CloudFormation

2. You have an application developed in .NET. This applications works with the S3 buckets in a particular region. The application is hosted on an EC2 Instance. Which of the following should ideally be used to ensure that the EC2 Instance has the appropriate access to the S3 buckets?

A. AWS Users
B. AWS Groups
C. AWS IAM Roles
D. AWS IAM Policies

3. What happens when one of the resources in a stack cannot be created successfully? (CloudFormation)

4. A company has a set of EC2 Instances that store critical data on EBS Volumes. There is a fear from IT Supervisors that if data on the EBS Volumes is lost, then it could result in a lot of effort to recover the data from other sources. Which of the following would help alleviate this concern in an economical way?

A. Take regular EBS Snapshots
B. Enable EBS Volume encryption
C. Create a script to copy data to an EC2 Instance Store
D. Mirror data across 2 EBS Volumes

5. A new department has recently joined the organization and the administrator needs to compose access permissions for the group of users. Given that they have varying roles and access needs, what is the best-practice approach when granting access?

A. After gathering information on their access needs, the administrator should allow every user to access the most common resources and privileges on the system.

B. The administrator should grant all users the same permissions and then grant more upon request.

C. The administrator should grant all users the least privilege and add more privileges to only to those who need it.

D. Users should have no access and be granted temporary access on the occasions that they need to execute a task.

Video of the Week   5m

- Introduction to YAML

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

We assume that each group has two sub teams. Each week, one of the sub-teams will present their solution.

Case study/Project   10m

Case study should be explained to the students during the weekly meeting and has to be completed in one sprint (2 weeks) by the students. Students should work in small teams to complete the case study.

- Project-101 : Kittens Carousel Static Website deployed on AWS EC2 using Cloudformation

Closing

5m

-Next week's plan

-QA Session