STUDENT VERSION (Week-7)

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. Which command gives details of Git configuration?

A. `git config --list`
B. `git config --help`
C. `git log --pretty=oneline`
D. `git checkout`

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

A. Yearly
B. Weekly
C. Hourly
D. Monthly

3. Which of the following are NOT valid origins for Amazon CloudFront?

A. Amazon S3 buckets
B. EC2 instance
C. AWS Lambda function
D. Elastic Load Balancer (ELB)

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

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

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 helps you set up a logically isolated section of your AWS cloud?

A. AWS Subnets
B. AWS VPC
C. AWS Regions
D. AWS Availability Zones

2. Which statements regarding VPC Peering is accurate? Select TWO.

A. Two VPCs in different AWS Regions and under separate AWS Accounts can share traffic between each other.
B. In order for VPC Peering to work each VPC should have a public subnet.
C. In VPC Peering, it is possible for traffic from one VPC to traverse through a transit VPC in order to reach a third VPC.
D. Traffic between VPC peers in different AWS Regions is not encrypted by default.
E. VPC Peering can be used to replicate data to geographically distinct locations for fault-tolerance, disaster recovery and redundancy.

3. Which of the following security features is associated with a Subnet in a VPC to protect against incoming traffic requests?

A. AWS Inspector
B. Subnet Groups
C. Security Groups
D. Network ACL

4. Which of the following are the main functions of AWS Route 53? (SELECT THREE)

A. Register domain names

B. Route internet traffic to the resources for your domain

C. Load-balance traffic among individual AWS resource instances

D. Check the health of your resources

E. Auto Scale your resources

5. There is a website hosted in AWS that might get a lot of traffic over the next couple of weeks. If the application experiences a natural disaster at this time, what should be used to reduce potential disruption to users?

A. Use an ELB to divert traffic to an Infrastructure hosted in another region

B. Use an ELB to divert traffic to an Infrastructure hosted in another AZ.

C. Use CloudFormation to create backup resources in another AZ.

D. Use Route53 to route requests to another instance in a different region.

Video of the Week   5m

- How to Create RecordSets with Route53

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: Check Consecutive Vowels

Case study/Project   10m

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

- Project-004 : Phonebook Application (Python Flask) deployed on AWS Application Load Balancer with Auto Scaling and Relational Database Service using AWS Cloudformation

Closing   5m

-Next week's plan

-QA Session