

STUDENT VERSION (Week-3)



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.

Ask Questions

20m

1. What happens if the .git directory gets deleted?

2. Now, imagine that you have a local repository, but other team members have pushed changes into the remote repository. What Git operation would you use to download those changes into your working copy?

- A. checkout
- B. commit
- C. export
- D. pull
- E. update

3. What are characteristics of Amazon S3? (Choose 2 answers from the options given below.)

- A. S3 allows you to store objects of virtually unlimited size.
- B. S3 allows you to store virtually unlimited amounts of data
- C. S3 should be used to host a relational database.
- D. Objects are directly accessible via a URL.

4. What is the difference between | and || in Linux?

5. What is the output of the following Python program section?

```
st='Python Programming'  
x=st.lower()  
y=x.replace('python','Python')  
print y
```

- A. python programming
- B. Python Programming
- C. Python programming
- D. PYTHON PROGRAMIN

Interview/Certification Questions**20m****1. In Amazon S3, what is the difference between lifecycle policies and intelligent tiering?**

- A. Lifecycle policies are not dependent on access patterns as is the case with intelligent tiering, instead they are pre-configured with a transition rule.
- B. Intelligent tiering is an object storage class which is not dependent on access patterns, it uses a pre-configured transition rule.
- C. When transitioning objects into different storage classes, intelligent tiering is automatic whilst lifecycle policies have to be manually triggered.
- D. Lifecycle policies cannot be configured to permanently delete objects from an S3 bucket whilst intelligent tiering can do so if versioning is turned on.

2. A company wants to utilize aws storage. For them low storage cost is paramount, the data is rarely retrieved, and data retrieval times of several hours are acceptable for them. What is the best storage option to use?

- A. AWS Glacier
- B. AWS S3 Reduced Redundancy Storage
- C. EBS backed storage connected to EC2
- D. AWS CloudFront

3. WWhich of the following can be attached to EC2 Instances to store data?

- A. Amazon Glacier
- B. Amazon EBS Volumes
- C. Amazon EBS Snapshots
- D. Amazon SQS

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

- A. AWS Config
- B. AWS IAM
- C. AWS Trusted Advisor
- D. AWS RDS

5. You have a devops team in your current organization structure. They are keen to know if there is any service available in AWS which can be used to manage infrastructure as code. Which of the following can be met with such a requirement?

- A. Using AWS CloudFormation
- B. Using AWS Config
- C. Using AWS Inspector
- D. Using AWS Trusted Advisor

Coding Challenge**10m**

- [Coding Challenge - 009: find the power set](#)

Video of the Week**5m**

- [What is SQL?](#)

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?

Case study/Project**15m**

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-102 : Kittens Carousel Static Website deployed on AWS EC2 with ALB and ASG using Cloudformation](#)

Closing

5m

-Next week's plan

-QA Session
