

STUDENT VERSION (DevOps-Week-10)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview/Certification Questions
- ▶ Coding Challenge
- ▶ Article of the week
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

Teamwork Schedule

Ice-breaking

5m

- 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 programming language is commonly used with Jenkins ?

- A. Python
- B. Java
- C. Ruby
- D. C++

2. What is ECS (Elastic Container Service) ?

- A. A cloud-based storage service
- B. A continuous integration and continuous delivery (CI/CD) tool
- C. A container orchestration service
- D. A machine learning framework

3. Which technology is used by ECS to manage containers ?

- A. Docker
- B. Kubernetes
- C. Ansible
- D. Apache Mesos

4. Which of the following is not a component of ECS ?

- A. Task
- B. Cluster
- C. Image
- D. Stack

5. What is the purpose of the "docker-compose.yml" file?

- A. Configuring the Jenkins server
- B. Defining the build steps for Jenkins jobs
- C. Describing the services in a multi-container Docker application
- D. Monitoring the performance of Docker containers

Interview/Certification Questions

20m

1. What is the difference between ECR and Docker Hub ?
2. What is the purpose of ECR (Elastic Container Registry) ?
3. What are the benefits of using ECR for container image storage ?
4. What is the role of Jenkins in CI/CD pipelines ?
5. What is the Jenkinsfile and what is its purpose ?

Article of the Week

10m

- [Jenkins — Introduction, and Getting Started with Jenkins](#)

Video of the Week

10m

- [What is Jenkins? \[Jenkins Introduction | How Jenkins Works? | Advantages of Jenkins \]](#)

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

10m

Closing

5m

-Next week's plan

-QA Session
