

STUDENT VERSION (DevOps-Week-8)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Microlearning
- ▶ 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. How does Nexus contribute to improving software development workflows ?

- A. By generating code automatically
- B. By providing a centralized location for binary artifact management
- C. By automating network security scans
- D. By facilitating manual testing

2. What is Nexus in the context of software development ?

- A. A programming language
- B. A version control system
- C. A repository manager
- D. An operating system

3. Why might you want to manually push Docker images to ECR ?

- A. It's a best practice for containerization
- B. To increase the size limit of ECR
- C. To store images for future use
- D. For improved security

4. In AWS ECS, what is the fundamental unit for running containerized applications ?

- A. EC2 Instances
- B. Docker containers
- C. S3 buckets
- D. Lambda functions

5. What does ECS stand for in AWS ECS ?

- A. Elastic Compute Service
- B. Elastic Container Service
- C. Elastic Cloud Storage
- D. Elastic Security System

Interview/Certification Questions**20m****1. How does Nexus benefit DevOps practices ?****2. Can you explain the difference between Nexus and version control systems like Git ?****3. Can you describe the steps involved in manually pushing a Docker image to Amazon ECR ?****4. In AWS ECS, what is the primary role of the Elastic Container Service (ECS) ?****5. How does AWS ECS contribute to scaling and load balancing for containerized applications ?****Article of the Week****10m**

- [What is Nexus Framework ?](#)

Video of the Week**10m**

- [Nexus Platform Overview](#)

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

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-207-Ansible-publish-website-postgresql-nodejs-react](#)

Closing

5m

-Next week's plan

-QA Session

-Next week's plan

-QA Session
