

STUDENT VERSION (DevOps-Week-7)



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 command is used to create a new Helm chart ? (Helm)

- A. helm init
- B. helm install
- C. helm create
- D. helm upgrade

2. Which version of Helm introduced support for declarative releases ? (Helm)

- A. Helm 2
- B. Helm 3
- C. Helm 4
- D. Helm 5

3. What is the purpose of Kubernetes container probes ? (Kubernetes)

- A. To monitor the CPU usage of a container
- B. To monitor the memory usage of a container
- C. To check the health of a container
- D. To manage the network connectivity of a container

4. How can you define a custom command for a Kubernetes container probe ? (Kubernetes)

- A. Using the "command" field in the container spec
- B. Using the "args" field in the container spec
- C. Using the "exec" field in the probe spec
- D. Using the "httpGet" field in the probe spec

5. What is the maximum number of Pods that can be scheduled on a Kubernetes node by default ? (Kubernetes)

- A. 50
- B. 75
- C. 110
- D. 250

Interview/Certification Questions

20m

1. What is a pod in Kubernetes?

2. Which AWS service would you use to automate the process of building, testing, and deploying code changes ?

- A. AWS CodeCommit
- B. AWS CodePipeline
- C. AWS CodeBuild
- D. AWS CodeDeploy

3. What is Kubectl ?

4. What is AWS and what services does it provide?

- A. AWS is a programming language for web development.
- B. AWS is a cloud computing platform that provides various services for building, deploying, and managing applications and infrastructure.
- C. AWS is a database management system for large enterprises.
- D. AWS is a social media platform for developers.

5. Which AWS service would you use to store and retrieve any type of data ?

- A. AWS S3
- B. AWS EC2

- C. AWS RDS
- D. AWS Lambda

Article of the Week

10m

- [How to Use Git/GitHub without asking for authentication always: Passwordless Usage of Private Git Repositories](#)

Video of the Week

10m

- [Kubernetes Pod Scheduling](#)

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

- [Generate Password](#)

Closing

5m

-Next week's plan

-QA Session
