

STUDENT VERSION (DevOps-Week-4)



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. Which Kubernetes resource allows you to expose a service to the internet or other services within the cluster ?

- A. ConfigMap
- B. Deployment
- C. Service
- D. PersistentVolume

2. In Kubernetes, what is the purpose of an Ingress controller ?

- A. To manage container lifecycles
- B. To create ConfigMaps
- C. To configure routing rules for incoming traffic
- D. To handle cluster scaling

3. What type of Kubernetes Volume allows you to store data that survives even after the associated Pod is deleted ?

- A. EmptyDir
- B. HostPath

- C. PersistentVolumeClaim
- D. ConfigMapVolume

4. What is a Kubernetes Node ?

- A. A worker machine in the cluster
- B. A Kubernetes controller
- C. A containerized application
- D. A container image repository

5. What is the primary role of a Kubernetes Service ?

- A. To provide long-term storage for data
- B. To manage network policies within a cluster
- C. To expose a set of Pods as a network service
- D. To schedule and orchestrate container deployments

Interview/Certification Questions

20m

1. In Kubernetes, what is a PersistentVolume used for ?

2. In Kubernetes, what is the smallest deployable unit that can be created and managed ?

3. What is the primary difference between Kubernetes Secrets and ConfigMaps ?

4. What is the role of an Ingress controller in Kubernetes ?

5. In Kubernetes, what resource is used to define how a service should be exposed to the external world or to other services within the cluster ?

Article of the Week

10m

- [What is Kubernetes?](#)

Video of the Week

10m

- [What is Kubernetes?](#)

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

-Next week's plan

-QA Session
