

STUDENT VERSION (DevOps-Week-2)



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 Docker package and isolate applications and their dependencies ?

- A. In containers
- B. In virtual machines (VMs)
- C. In databases
- D. In physical servers

2. How do you stop a running Docker container ?

- A. docker down <container_id>
- B. docker stop <container_id>
- C. docker halt <container_id>
- D. docker kill <container_id>

3. How can you list all running Docker containers on your system ?

- A. docker ps -a
- B. docker list -a
- C. docker ps
- D. docker containers

4. What is the purpose of a Docker network ?

- A. To configure load balancing for containers.
- B. To create isolated network environments for containers.
- C. To manage container storage.
- D. To define container runtime behavior.

5. What is the primary purpose of Docker volumes ?

- A. To define the container's runtime behavior.
- B. To persist data generated and used by Docker containers.
- C. To manage Docker networks.
- D. To create new containers.

Interview/Certification Questions**20m****1. What is Docker, and how does it isolate applications ?****2. What is a Docker image, and how is it created ?****3. What are the advantages of using Docker containers ?****4. What happens when you run a Docker image to create a container ?****5. Explain the difference between a Docker image and a Docker container.****Article of the Week****10m**

- [What is Docker ?](#)

Video of the Week**10m**

- [What Is Docker ? | What Is Docker And How It Works ?](#)

Coding Challenge

5m

- [Coding Challenge - 002 : Convert Milliseconds into Hours, Minutes, and Seconds](#)

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?

Closing

5m

-Next week's plan

-QA Session
