

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. What is the purpose of a Dockerfile ?

- A. To run containers
- B. To manage images
- C. To create volumes
- D. To configure networks

2. What is Docker primarily used for ?

- A. Virtualization
- B. Containerization
- C. Cloud computing
- D. Networking

3. Which Docker command is used to list all running containers ?

- A. docker list
- B. docker status
- C. docker ps
- D. docker info

4. What is the purpose of Docker Hub ?

- A. Managing containers
- B. Hosting Docker images
- C. Container orchestration
- D. Running Docker containers

5. What is the purpose of a Docker volume ?

- A. To store Docker images
- B. To isolate containers
- C. To share files between containers
- D. To create network connections

Interview/Certification Questions**20m**

1. What is Docker and what problem does it solve ?
2. What is Docker and how does it help developers and operations teams ?
3. What is the difference between an image and a container in Docker ?
4. What is Docker volume, and why is it used ?
5. How can you stop and remove all Docker containers at once ?

Article of the Week**10m**

- [What is Docker? What is Container? What is Dockerfile? What is Docker Image?](#)

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-202-Terraform-Phonebook-Application-deployed-on-AWS](#)

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
