

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 Docker ?

- A. A virtualization platform
- B. A containerization platform
- C. A cloud computing service
- D. A version control system

2. What is the purpose of a Docker container ?

- A. To virtualize the entire operating system
- B. To provide a cloud-based development environment
- C. To package and isolate applications with their dependencies
- D. To manage networking in a distributed system

3. What is a Docker image?

- A. A running instance of a Docker container
- B. A configuration file for Docker containers
- C. A template used to create Docker containers
- D. A network bridge used to connect Docker containers

4. How can you share a Docker image with others ?

- A. By pushing it to a Docker registry
- B. By exporting it as a ZIP file
- C. By sharing the Dockerfile used to create the image
- D. Docker images cannot be shared with others

5. What is the purpose of the Dockerfile in the Docker image build process?

- A. To run the application inside the container
- B. To specify the dependencies for the Docker image
- C. To define the runtime environment for the container
- D. To store the metadata for the Docker image

Interview/Certification Questions**20m****1. What is Docker and how does it help developers and operations teams ?****2. What is the difference between Docker image and Docker container ?****3. What is the purpose of a Dockerfile, and how is it used in the Docker image creation process ?****4. What are Docker Compose and Docker Swarm, and how do they differ ?****5. What is the purpose of the "docker-compose.yml" file, and how is it used with Docker Compose?****Article of the Week****10m**

- [Docker Series — What is Docker?](#)

Video of the Week**10m**

- [What is Docker ?](#)

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

- [Coding Challenge 003 : Find the Largest Number](#)

Closing

5m

-Next week's plan

-QA Session

-Next week's plan

-QA Session
