

STUDENT VERSION (Week-28)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview/Certification Questions
- ▶ Coding Challenge
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

Teamwork Schedule

Ice-breaking

10m

- 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

20m

1. Which command is used to remove all the stopped containers, all the networks that are not used, all dangling images and all build caches?

- A. docker system prune
- B. docker login
- C. docker pull
- D. docker rm

2. You can remove a paused container from Docker.

- A. True
- B. False

3. How many containers can run per host?

- A. 1
- B. 100
- C. 947
- D. unlimited

4. How can we secure Jenkins?

- A. Global security should be enabled
- B. Jenkins should be integrated with appropriate plugins
- C. Automate the process of setting rights and privileges
- D. All of the above

5. What are the two components Jenkins is mainly integrated with?

- A. Version Control system like GIT,SVN
- B. RDBS
- C. Anaconda
- D. Build tools like Apache Maven

Interview/Certification Questions**20m****1. What is Docker Swarm and which network driver should be used with it?**

2. You have a set of Docker images that you use for building containers. You want to start using the Elastic Container Service and utilize the Docker images. You need a place to store these Docker images. What would you use for this purpose?

- A. Use AWS DynamoDB to store the Docker images.
- B. Use AWS RDS to store the Docker images.
- C. Use EC2 Instances with EBS Volumes to store the Docker images.
- D. Use the ECR Service to store the Docker images.

3. Why should you use Amazon ECR?**4. What are the various ways in which build can be scheduled in Jenkins?****5. How can Jenkins fit into a cloud computing environment?****Video of the Week****10m**

- [Containerization](#)

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?

Presentation of Coding Challenge

20m

We assume that each group has two sub teams. If this is possible one of the sub teams will present the coding challenge of last week. The other sub team will present the solution to the previous problem of the week. If there is only one sub team then, the sub team will present both of the solutions.

Coding Challenge

5m

- [Check Consecutive Vowels](#)

Presentation of Case Study of Previous Sprint

20m

We assume that each group has two sub teams. Each week, one of the sub-teams will present their solution.

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-203: Docker Swarm Deployment of Phonebook Application \(Python Flask\) with MySQL](#)

Closing

5m

-Next week's plan

-QA Session
