STUDENT VERSION (DevOps-Week-2)

TEAMWORK

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 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. Containers include the application and all of its dependencies, but share the kernel with other containers. They run as an isolated process in userspace on the host operating system. They're also not tied to any specific infrastructure – Docker containers run on any computer, on any infrastructure, and in any cloud.

A. True
B. False

2. What command should you run to see all running container in Docker?

A. docker run
B. docker ps
C. docker --help
D. docker build
E. docker pull

3. Which of the following is not a state of Docker container?

A. Running
B. Freezed
C. Paused
D. Restarting
E. Exited

4. 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

5. Which file is used to define dependency in Maven?

A. build.xml
B. pom.xml
C. dependency.xml
D. version.xml

Interview/Certification Questions 20m

1. What is difference between virtualization and containerization?

2. What are Docker Images?

3. Explain Docker Architecture?

4. Your company has a set of applications that make use of Docker containers. There is a need to move these containers to AWS. Which option below is the BEST way to set up these Docker containers in a separate AWS environment?

A. Create EC2 Instances, install Docker, and then upload the containers.
B. Create EC2 Container registries, install Docker, and then upload the containers.
C. Create an Elastic Beanstalk environment with the necessary Docker containers.
D. Create EBS Optimized EC2 Instances, install Docker, and then upload the containers..

5. A company is planning on setting up a web-based application. They need to ensure that users across the world have the ability to view the pages from the web site with the least amount of latency. How can you accomplish this?

A. Use Route 53 with latency-based routing.
B. Place a cloudfront distribution in front of the web application.
C. Place an Elastic Load balancer in front of the web application .
D. Place an Elastic Cache in front of the web application.

Video of the Week 10m

- What Is Maven? | What Is Maven And How It Works?

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: Trending Topic

Case study/Project 10m

- Project-201: Create Apache Servers with Terraform

Closing 5m

-Next week's plan

-QA Session
