

# TEAM LEAD VERSION (DevOps-Week-8 )

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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

# Teamwork Schedule

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## 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 Jenkins primarily used for in software development ?

- A. Version control
- B. Dependency management
- C. Continuous integration and continuous delivery (CI/CD)
- D. User interface design

### 2. What is the purpose of a Jenkins pipeline ?

- A. To define the project's programming language.
- B. To specify the project's package structure.
- C. To automate the build, test, and deployment processes.
- D. To document project requirements.

### 3. What is the main advantage of using Jenkins for CI/CD ?

- A. It eliminates the need for version control.
- B. It automates manual tasks and ensures consistent and reliable software delivery.
- C. It replaces the need for unit testing.
- D. It provides a user-friendly interface for database management.

**4. What is the primary purpose of Jenkins plugins ?**

- A. To enforce coding standards in the project.
- B. To manage version control.
- C. To extend Jenkins' functionality and integrate it with other tools.
- D. To create software documentation.

**5. What is the purpose of the Jenkinsfile in a pipeline project ?**

- A. To store test data for the project.
- B. To define project dependencies.
- C. To manage Jenkins agent configuration.
- D. To define the entire pipeline as code.

**Interview/Certification Questions****20m****1. What is the purpose of the "Cron Trigger" in Jenkins ?****2. What is a "Jenkins agent" ?****3. What is the purpose of the "Artifact" in Jenkins ?****4. What is the "Jenkinsfile" and how is it used in Jenkins ?****5. Explain the concept of "Pipeline as Code" in Jenkins.****Article of the Week****10m**

- [What is Jenkins And How It's working](#)

**Video of the Week****10m**

- [What is Jenkins, and Why is it used ?](#)

## 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 - 014: Check Consecutive Vowels](#)

## 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-207 : Web Page Application \(Postgresql-Nodejs-React\) deployed on EC2's with Ansible and Docker](#)

## Closing

5m

-Next week's plan

-QA Session

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-Next week's plan

-QA Session

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