

# STUDENT VERSION (DevOps-Week-9 )

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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 the role of the "Jenkinsfile" in Jenkins ?

- A. It is a user manual for Jenkins.
- B. It contains secret access codes for Jenkins servers.
- C. It defines the build and deployment process in code, making it version-controlled and reproducible.
- D. It is used for storing Jenkins log files

### 2. How does Jenkins contribute to Continuous Integration (CI) and Continuous Deployment (CD) ?

- A. Jenkins creates standalone applications that don't need CI/CD.
- B. Jenkins replaces the need for CI/CD.
- C. Jenkins automates the building, testing, and deployment processes, facilitating CI/CD practices.
- D. Jenkins focuses only on continuous deployment, not continuous integration.

### 3. In a CI/CD pipeline, what is the role of the "build" stage in Jenkins?

- A. It's responsible for deploying the application to production.
- B. It's the stage where code is developed.
- C. It compiles, tests, and packages the application code.
- D. It's the final stage of the pipeline.

**4. How does Jenkins integrate with version control systems like Git?**

- A. Jenkins replaces the need for version control systems.
- B. Jenkins can't work with Git.
- C. Jenkins can trigger jobs based on changes in version control repositories and automate build and deployment processes.
- D. Jenkins is a Git repository hosting service.

**5. How do Jenkins and Maven work together in a build pipeline ?**

- A. Jenkins manages Maven repositories.
- B. Maven is not used in Jenkins.
- C. Jenkins can execute Maven commands to build, test, and package Java applications.
- D. Jenkins serves as a Maven repository.

**Interview/Certification Questions****20m****1. Why is access control and security important in Jenkins, and how can they be configured ?****2. How does Jenkins contribute to Continuous Integration (CI), and why is CI important in software development ?****3. In a CI/CD pipeline, what role does Jenkins play in the "build" stage, and why is this stage significant ?****4. How does Jenkins integrate with version control systems like Git, and what benefits does this integration provide ?****5. When we say a Jenkins job is triggered by a "code commit," what does this mean, and how does it support automation ?****Article of the Week****10m**

- [What is Jenkins ?](#)

## Video of the Week

10m

- [What Is Jenkins? | What Is Jenkins 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?

## Closing

5m

-Next week's plan

-QA Session

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-QA Session

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