

TEAM LEAD VERSION (DevOps-Week-6)



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 Ansible primarily used for ?

- A. Container orchestration
- B. Infrastructure automation
- C. Machine learning
- D. Mobile app development

2. What is an Ansible playbook ?

- A. A list of inventory hosts
- B. A collection of tasks to be executed on remote hosts
- C. A configuration file for Ansible
- D. An inventory of managed nodes

3. How does Ansible communicate with remote hosts ?

- A. Using RESTful APIs
- B. Over SSH
- C. Through a web interface
- D. Using WebSocket connections

4. What is the purpose of Ansible roles ?

- A. To define variables for playbooks
- B. To provide a structured way to group tasks and data
- C. To store encrypted data for security purposes
- D. To enable communication between Ansible and other tools

5. What is the difference between Ansible modules and plugins ?

- A. There is no difference; they are synonyms in Ansible.
- B. Modules are used for inventory management, while plugins are used for task execution.
- C. Modules are included with Ansible, while plugins are third-party extensions that provide additional functionality.
- D. Modules are written in Python, while plugins are written in Ruby.

Interview/Certification Questions**20m****1. What is the purpose of the "ansible" command-line tool in Ansible ?****2. What is the difference between Ansible tasks and roles ?****3. What is the purpose of Ansible Facts ?****4. What is Ansible Vault used for ?****5. What are Ansible modules, and what role do they play in playbooks ?****Article of the Week****10m**

- [What is Ansible and How it Works?](#)

Video of the Week**10m**

- [What is Ansible | Ansible Playbook explained](#)

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 - 015: Generate Password](#)

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-206: Microservice Architecture for Phonebook Web Application \(Python Flask\) with MySQL using Kubernetes.](#)

Closing

5m

-Next week's plan

-QA Session

-Next week's plan

-QA Session
