STUDENT VERSION (DevOps-Week-1)

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 the primary use of a "data source" in Terraform?

A. To provision new infrastructure resources
B. To fetch information from existing infrastructure
C. To store Terraform state locally
D. To declare resource dependencies

What is the main purpose of using a remote backend in Terraform?

A. To encrypt Terraform plans
B. To allow collaboration by sharing the state file
C. To run provisioning scripts remotely
D. To validate infrastructure before apply

3. What does the "terraform init" command do?

A. Applies the desired infrastructure changes
B. Initializes a new or existing Terraform configuration directory
C. Shows the execution plan
D. Destroys all managed resources

4. In Terraform, what is a "provisioner" commonly used for?

A. Managing remote state files

B. Generating HCL code dynamically

C. Executing scripts or commands after resource creation

D. Defining provider-specific configuration

5. Which backend type allows Terraform state to be stored and locked remotely?

A. local

B. s3 with DynamoDB lock

C. null

D. file

Interview/Certification Questions   20m

1. What is a Data Source in Terraform, and when would you use it?

2. What are Terraform Remote Backends, and why are they important?

3. What is a Terraform Provisioner, and what are common use cases?

4. What does the terraform apply command do, and how does it fit into the Terraform workflow?

5. Why is the terraform init command required before other operations?

Article of the Week   10m

- [What is Terraform ?](#)

Video of the Week   10m

- [Terraform explained in 15 mins](#)

Coding Challenge   5m

- Coding Challenge - 001 : Convert to Roman Numerals

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