STUDENT VERSION (DevOps-Week-9)

TEAMWORK

CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ 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. In a release repository it is okay to have artifacts that are still in development phase.(Nexus)

A. True
B. False

2. Repository where you store the binaries that are still in development phase is called.?(Nexus)

A. Product'on
B. Development
C. Snapshot
D. Release

3. What is artifact repository?(Nexus)

A. A repository specialized for Docker images
B. A repository for storing visuals such as sprites and designs
C. A repository for storing binaries
D. A repository for storing source code

4. What is ECS?

A. It is an open-source system for automating deployment, scaling, and management of containerized applications.
B. Docker Native Container Orchestration Tool for running the Docker application
C. AWS Native Container Management Service
D. AWS managed container image registry service

5. What is ECR?

A. It is a hosted repository service provided by Docker for finding and sharing container images with your team.
B. It is a web-based application that enables finding, installing, and publishing packages and configurations for Kubernetes packages.
C. It is essentially a large public repository of Ansible roles.
D. It is an AWS managed container image registry service that is secure, scalable, and reliabl

Interview/Certification Questions 20m

1. Which of the following helps you set up a logically isolated section of your AWS cloud?

A. AWS Subnets
B. AWS VPC
C. AWS Regions
D. AWS Availability Zones

2. Which statements regarding VPC Peering is accurate? Select TWO.

A. Two VPCs in different AWS Regions and under separate AWS Accounts can share traffic between each other.
B. In order for VPC Peering to work each VPC should have a public subnet.
C. In VPC Peering, it is possible for traffic from one VPC to traverse through a transit VPC in order to reach a third VPC.
D. Traffic between VPC peers in different AWS Regions is not encrypted by default.
E. VPC Peering can be used to replicate data to geographically distinct locations for fault-tolerance, disaster recovery and redundancy

3. Which of the following security features is associated with a Subnet in a VPC to protect against Incoming traffic requests?

A. AWS Inspector
B. Subnet Groups
C. Security Groups
D. Network ACL

4. Which of the following are the main functions of AWS Route 53? (SELECT THREE)

A. Register domain names
B. Route internet traffic to the resources for your domain
C. Load-balance traffic among individual AWS resource instances
D. Check the health of your resources
E. Auto Scale your resources

5. There is a website hosted in AWS that might get a lot of traffic over the next couple of weeks. If the application experiences a natural disaster at this time, what should be used to reduce potential disruption to users?

A. Use an ELB to divert traffic to an Infrastructure hosted in another region.

B. Use an ELB to divert traffic to an Infrastructure hosted in another AZ.

C. Use CloudFormation to create backup resources in another AZ.

D. Use Route53 to route requests to another instance in a different region

Article of the Week 10m

- Top 5 Aws Jobs That You Can Apply

Video of the Week 10m

- An Overview of AWS Elastic Container Service (ECS)

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 : Convert Milliseconds into Hours, Minutes, and Seconds with Bash Scripting

Case study/Project 10m

Case study should be explained to the students during the weekly meeting and has to be completed in two 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
