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**STUDENT VERSION (Week-7)**

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**Meeting Agenda**

▶ Icebreaking

▶ Questions

▶ Interview/Certification Questions

▶ Video of the week

▶ Coding Challenge

▶ Retro meeting

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**Teamwork Schedule**

**Ice-breaking 10m**

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. Which command gives details of Git configuration?**

**A.** git config --list

**B.** git config --help

**C.** git log --pretty=oneline

**D.** git checkout

**2. In On-Demand instance model, each virtual machine has an ........... price.**

**A.** Yearly

**B.** Weekly

**C.** Hourly

**D.** Monthly   
  
https://aws.amazon.com/tr/ec2/pricing/on-demand/?nc1=h\_ls

**3. Which of the following are NOT valid origins for Amazon CloudFront?**

**A.** Amazon S3 buckets

**B.** EC2 instance

**C.** AWS Lambda function

**D.** Elastic Load Balancer (ELB)

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**4. Which command is used for modifying a user's properties?**

**A.** who am i

**B.** sudo su

**C.** usermod

**D.** groupadd

**5. What is the default subnet mask for a Class B address?**

**A.** 255.0.0.0

**B.** 255.255.0.0

**C.** 255.255.255.0

**D.** 255.255.255.255

**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 (you cloud)

**C.** AWS Regions (physical)

**D.** AWS Availability Zones (physical)

**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.

<https://aws.amazon.com/tr/blogs/aws/new-almost-inter-region-vpc-peering/#:~:text=The%20data%20is%20encrypted%20in,of%20customer%2C%20look%20the%20same>.  
https://aws.amazon.com/tr/blogs/aws/new-almost-inter-region-vpc-peering/#:~:text=The%20data%20is%20encrypted%20in,of%20customer%2C%20look%20the%20same.

**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

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**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

* Route 53 is integrated with ELB

**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.

**Video of the Week 5m** [How to Create RecordSets with Route53](https://www.youtube.com/watch?v=E6Km7sqGpUw&list=PL6Mbwnna00j3lt0WJpr5-I-sGxNcXeZtY&index=11&t=29s&ab_channel=clarusway)

**Coding Challenge 5m** [Coding Challenge: Check Consecutive Vowels](https://github.com/clarusway/clarusway-aws-10-22/blob/main/python/coding-challenges/cc-014-check-consecutive-vowels/README.md)

**Retro Meeting on a personal and team level 10m**

**Case study/Project 10m**

Project-004 : Phonebook Application (Python Flask) deployed on AWS Application Load Balancer with Auto Scaling and Relational Database Service using AWS Cloudformation

Ask the questions below:

What went well?

What could be improved?

What will we commit to do better in the next week?

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**Closing 5m**

-Next week’s plan

-QA Session5 / 5