

STUDENT VERSION (Week-8)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview/Certification Questions
- ▶ Coding Challenge
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

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.

Ask Questions

20m

1. The network address of 172.16.0.0/19 provides how many subnets and hosts?

- A. 7 subnets, 30 hosts each
- B. 8 subnets, 8.190 hosts each
- C. 8 subnets, 2.046 hosts each
- D. 7 subnets, 2.046 hosts each

2. 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

3. Which of the following is NOT true for Python function?

- A. A function is a code block that only executes when it is called.
- B. Python function always returns a value.
- C. Python doesn't support nested function
- D. A function only executes when it is called and we can reuse it in a program

4. A variable defined inside a function is referred to as _____.

- A.** a global variable
- B.** a function variable
- C.** a block variable
- D.** a local variable

5. Which command is used to manipulate TCP/IP routing table?

- A.** ifconfig
- B.** ping
- C.** ipconfig
- D.** route
- E.** traceroute

Interview/Certification Questions

20m

1. You are planning on deploying a video based application onto the AWS Cloud. These videos will be accessed by users across the world. Which of the below services can help stream the content in an efficient manner to the users across the globe?

- A.** Amazon Route 53
- B.** Amazon Cloudtrail
- C.** Amazon CloudFront
- D.** Amazon S3

2. 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.

3. A company has an entire infrastructure hosted on AWS. It requires to create code templates used to provision the same set of resources in another region in case of a disaster in the primary region. Which AWS service can be helpful in this regard?

- A.** AWS Beanstalk
- B.** AWS CloudFormation
- C.** AWS CodeBuild
- D.** AWS CodeDeploy

4. You are working as an AWS Architect for a start-up company. The company has web-servers deployed in all AZ's in the eu-central-1 (Frankfurt) region. These web servers have German news & local web content for people accessing these websites within Germany. These web servers have multiple records created for a single domain. The company is looking for a random selection of web-servers that will increase its availability. What would be the most appropriate routing policy for this requirement?

- A.** Latency routing policy
- B.** Weighted routing policy
- C.** Multivalue answer routing policy
- D.** Geolocation routing policy

5. Which of the following components of the Cloudfront service can be used to distribute contents to users across the globe.?

- A.** Amazon VPC
- B.** Amazon Regions
- C.** Amazon Availability Zones
- D.** Amazon Edge locations

Coding Challenge

10m

- [Check Consecutive Vowels](#)

Video of the Week

5m

- [Working with Amazon CloudFront](#)

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?

Case study/Project

15m

Case study should be explained to the students during the weekly meeting and has to be completed in one sprint (2 weeks) by the students. Students should work in small teams to complete the case study.

- [Project-104 : Kittens Carousel Static Website deployed on AWS Cloudfront, S3 and Route 53 using Cloudformation](#)

Closing

5m

-Next week's plan

-QA Session
