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ASSIGNMENT

Read slides and extra materials if necessary on the following services. Submit 9 questions with 4 options (a, b, c, d) and only one of them is correct. Include all questions in a text file.

1. Cloud Computing (Cloud services models or Core services)

Which of the followings services is belong to serverless?

A. S3

B. ECS

C. EC2

D. IAM

(ECS is both CaaS and serverless because we can run a Task Definitions on a cluster without any instance server)

2. EC2

Which of the following is not included in an EC2 instance?

A. Instance Type

B. EBS

C. Security Group

D. Snapshots

3. IAM

Which of the following we can not do?

A. Assign an IAM Policy to a Group

B. Assign an IAM Policy to a User

C. Attach an IAM Policy to a Service

D. Attach an IAM Policy to a Role

4. S3

Which of the following we can not do ?

A. We can create multiple Amazon S3 buckets with the same name in different regions.

B. We can backup data in S3 Glacier or S3 Glacier Deep Archive for long-term.

C. We can directly apply a policy to S3 bucket.

D. We can host a static website using Amazon S3 with its public access.

5. RDS

The Read Replicas in Amazon Aurora doesn’t do:

A. decouple computing and storage

B. share the same underlying storage as the source instance

C. improve scalability of storage

D. replicate read replicas asynchronously

6. ALB

Which of the following is not correct with ALB?

A. It is a type of Elastic Load Balancer

B. It is routed based on the content of the request

C. It increases the availability of application

D. We can not add more than one listener to ALB.

7. ASG

Which of the following is not correct with ASG?

A. it is a collection of Amazon EC2 instances that are treated as a logical

B. Its benefits are fault tolerant and availability

C. We don’t need to set minimum and maximum capacity values for its auto.

D. it let Amazon EC2 instances automatically scale by adding or removing capacity to save cost

8. SQS

When should we use FIFO queue type of SQS?

A. When we want to focus in the throughput

B. When the throughput is unlimited

C. When we want to focus in the order of events

D. When we really want to use this FIFO queue type for our application

9. SNS

Which of the followings is correct with Amazon SNS?

A. SNS apply message ordering and deduplication concepts.

B. To send notification to any applications such as Lambda, Email, SMS,… we have to create an SNS topic to get message from publishers.

C. A and B are not correct

D. A and B are correct