

# CLF-C01<sup>Q&As</sup>

AWS Certified Cloud Practitioner (CLF-C01)

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#### **QUESTION 1**

Which AWS service provides a cloud-based contact center that scales to support a business of any size?

- A. Amazon Personalize
- B. Amazon Cognito
- C. Amazon Connect
- D. Amazon Lightsail

Correct Answer: C

#### **QUESTION 2**

A company wants to be nodded when its AWS Cloud costs or usage exceed defined thresholds. Which AWS service will support these requirements?

- A. AWS Budgets
- B. Cost Explorer
- C. AWS CloudTrail
- D. Amazon Made

Correct Answer: A

#### **QUESTION 3**

A developer needs to build and deploy a serverless application that has an API that mobile clients will use. The API will use Amazon DynamoDB and Amazon OpenSearch Service (Amazon Elasticsearch Service) as data sources Responses

that are sent to the clients will contain aggregated data from both data sources.

The developer must minimize the number of API endpoints and must minimize the number of API calls that are required to retrieve the necessary data.

Which solution should the developer use to meet these requirements?

- A. GraphQI. API on AWS AppSync
- B. REST API on Amazon API Gateway
- C. GraphGL API on an Amazon EC2 instance
- D. REST API on AWS Elastic Beanstalk

Correct Answer: B

#### **QUESTION 4**

How can a company isolate the costs of production and non-production workloads on AWS?

- A. Create Identity and Access Management (IAM) roles for production and non-production workloads.
- B. Use different accounts for production and non-production expenses.
- C. Use Amazon EC2 for non-production workloads and other services for production workloads.
- D. Use Amazon CloudWatch to monitor the use of services.

Correct Answer: B

Reference: https://aws.amazon.com/answers/account-management/aws-multi-account-billing-strategy/

#### **QUESTION 5**

Which feature can be used to protect Amazon S3 buckets from accidental overwrites or deletes?

- A. Lifecycle policy
- B. object versioning
- C. Server-side encryption
- D. Bucket ACL

Correct Answer: B

Reference: https://medium.com/tensult/how-to-protect-objects-from-accidental-deletion-and-overwrite-using-s3-object-versioning-5222796ab156

#### **QUESTION 6**

Which tasks should a user perform if the user suspects that an AWS account has been compromised? (Choose two.)

- A. Remove any multi-factor authentication (MFA) tokens.
- B. Rotate and delete all AWS access keys.
- C. Move resources to a different AWS Region.
- D. Delete AWS CloudTrail resources.
- E. Contact AWS Support.

Correct Answer: BE



#### **QUESTION 7**

A company has only basic knowledge of AWS technologies.

Which AWS service provides the SIMPLEST way for the company to establish a website on AWS?

- A. Amazon Elastic File System (Amazon EFS)
- B. AWS Elastic Beanstalk
- C. AWS Lambda
- D. Amazon Lightsail

Correct Answer: B

#### **QUESTION 8**

A Cloud Practitioner needs a consistent and dedicated connection between AWS resources and an on-premises system. Which AWS service can fulfill this requirement?

- A. AWS Direct Connect
- B. AWS VPN
- C. Amazon Connect
- D. AWS Data Pipeline

Correct Answer: A

You can use AWS Direct Connect to establish a private virtual interface from your on-premise network directly to your Amazon VPC, providing you with a private, high bandwidth network connection between your network and your VPC. With multiple virtual interfaces, you can even establish private connectivity to multiple VPCs while maintaining network isolation.

Reference: https://aws.amazon.com/directconnect/

#### **QUESTION 9**

Which AWS service can a customer use to set up an alert notification when the account is approaching a particular dollar amount?

- A. AWS Cost and Usage reports
- B. AWS Budgets
- C. AWS Cost Explorer
- D. AWS Trusted Advisor



Correct Answer: B

Reference:

https://docs.aws.amazon.com/AmazonCloudWatch/latest/monitoring/monitor\_estimated\_charges\_with\_cloudwatch.html

#### **QUESTION 10**

Which are customer responsibilities when using Amazon EC2? (Select TWO.)

- A. Underlying hardware maintenance
- B. File-system-level encryption
- C. Guest operating system firewall configuration
- D. Hypervisor-level software patching
- E. Physical security at data center facilities

Correct Answer: CD

Reference: https://aws.amazon.com/compliance/shared-responsibility-model/?ref=wellarchitected

#### **QUESTION 11**

Where should a company go to search software listings from independent software vendors to find, test, buy and deploy software that runs on AWS?

- A. AWS Marketplace
- B. Amazon Lumberyard
- C. AWS Artifact
- D. Amazon CloudSearch

Correct Answer: A

AWS Marketplace is a digital catalog with thousands of software listings from independent software vendors that make it easy to find, test, buy, and deploy software that runs on AWS.

Reference: https://aws.amazon.com

#### **QUESTION 12**

Which of the following is the customer\\'s responsibility when using Amazon RDS?

- A. Patching the operating system of underlying hardware
- B. Controlling traffic to and from the database through security groups



- C. Running backups that enable point-in-time recovery of a DB instance
- D. Replacing failed DB instances

Correct Answer: D

Reference: https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/UsingWithRDS.html

#### **QUESTION 13**

How would an AWS customer easily apply common access controls to a large set of users?

- A. Apply an IAM policy to an IAM group.
- B. Apply an IAM policy to an IAM role.
- C. Apply the same IAM policy to all IAM users with access to the same workload.
- D. Apply an IAM policy to an Amazon Cognito user pool.

Correct Answer: A

Instead of defining permissions for individual IAM users, it\\'s usually more convenient to create groups that relate to job functions (administrators, developers, accounting, etc.). Next, define the relevant permissions for each group. Finally, assign IAM users to those groups. All the users in an IAM group inherit the permissions assigned to the group. That way, you can make changes for everyone in a group in just one place. As people move around in your company, you can simply change what IAM group their IAM user belongs to.

Reference: https://docs.aws.amazon.com/IAM/latest/UserGuide/best-practices.html

#### **QUESTION 14**

A global company is building a simple time-tracking mobile app. The app needs to operate globally and must store collected data in a database. Data must be accessible from the AWS Region that is closest to the user. What should the company do to meet these data storage requirements with the LEAST amount of operational overhead?

- A. Use Amazon EC2 in multiple Regions to host separate databases.
- B. Use Amazon RDS cross-Region replication.
- C. Use Amazon DynamoDB global tables.
- D. Use AWS Database Migration Service (AWS DMS).

Correct Answer: C

Hundreds of thousands of AWS customers have chosen DynamoDB as their key-value and document database for mobile, web, gaming, ad tech, IoT, and other applications that need low-latency data access at any scale. Create a new table for your application and let DynamoDB handle the rest.

Reference: https://aws.amazon.com/dynamodb/

#### **QUESTION 15**

A developer has a stateful web server on-premises that is being migrated to AWS. The developer must have greater elasticity in the new design.

How should the developer re-factor the application to make it more elastic? (Select TWO.)

- A. Use pessimistic concurrency on Amazon DynamoDB
- B. Use Amazon CloudFront with an Auto Scaling group.
- C. Use Amazon CloudFront with an AWS Web Application Firewall
- D. Store session state data m an Amazon DynamoDB table.
- E. Use an ELB with an Auto Scaling group

Correct Answer: DE

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