



# Amazon

CLF-C01

AWS Certified Cloud Practitioner  
**QUESTION & ANSWERS**

## QUESTION 1

Which AWS service or tool can automatically identify security groups that grant unrestricted internet access to a list of ports?

- A. AWS Firewall Manager
- B. AWS Trusted Advisor
- C. AWS Shield
- D. Amazon EC2 dashboard

**Correct Answer: B**

## QUESTION 2

Which AWS services can host PostgreSQL databases? (Select TWO.)

- A. Amazon S3
- B. Amazon Aurora
- C. Amazon EC2
- D. Amazon Elasticsearch Service (Amazon ES)
- E. Amazon Elastic File System (Amazon EFS)

**Correct Answer: B,C**

## QUESTION 3

A company wants to add a layer of security beyond user names and passwords to make the login to the AWS Management Console more secure.

Which AWS service or feature can the company use to meet this requirement?

- A. Secret access keys
- B. AWS Security Token Service (AWS STS)
- C. Multi-factor authentication (MFA)
- D. IAM password policies

**Correct Answer: C**

## QUESTION 4

A user deploys an Amazon RDS DB instance in multiple Availability Zones. This strategy involves which

pillar of the AWS Well-Architected Framework?

- A. Performance efficiency
- B. Reliability
- C. Cost optimization
- D. Security

**Correct Answer: B**

### QUESTION 5

A company recently migrated data from on premises to Amazon Aurora. How does the AWS shared responsibility model apply to this use case?

- A. AWS is responsible for the physical infrastructure on which the company's data resides. The company is responsible for everything else.
- B. AWS is responsible for installing the database application, updating the operating system, and performing maintenance
- C. The company is responsible for updating the operating system and performing software maintenance
- D. The company is responsible for the security of the hardware on which the database resides

**Correct Answer: B**

### QUESTION 6

Which of the following is the responsibility of both AWS and the customer, according to the AWS shared responsibility model?

- A. AWS awareness and training
- B. Client-side data encryption
- C. Physical and environmental controls of AWS data centers
- D. Server-side data encryption

**Correct Answer: A**

### QUESTION 7

Using Amazon Elastic Container Service (Amazon ECS) to break down a monolithic architecture into microservices is an example of:

- A. a loosely coupled architecture
- B. a tightly coupled architecture
- C. a stateless architecture
- D. a stateful architecture

**Correct Answer: A**

### QUESTION 8

An online retail company has seasonal sales spikes several times a year, primarily around holidays. Demand is lower at other times. The company finds it difficult to predict the increasing infrastructure demand for each season.

Which advantages of moving to the AWS Cloud would MOST benefit the company? (Select TWO.)

- A. Global footprint
- B. Elasticity
- C. AWS service quotas
- D. AWS shared responsibility model
- E. Pay-as-you-go pricing

**Correct Answer: B,C**

### QUESTION 9

A company has stopped all of its Amazon EC2 instances but monthly billing charges continue to occur. What could be causing this? (Select TWO.)

- A. Amazon Elastic Block Store (Amazon EBS) storage charges
- B. Operating system charges
- C. Hardware charges
- D. Elastic IP charges
- E. Input/output (I/O) charges

**Correct Answer: A,D**

### QUESTION 10

If a user has an AWS account with an enterprise level AWS support plan, who is the primary point of contact for billing or account inquiries?

- A. Solutions architect
- B. AWS Concierge Support team
- C. An AWS Marketplace seller
- D. AWS Partner Network (APN) partner

**Correct Answer: B**

### QUESTION 11

A cloud practitioner needs to obtain AWS compliance reports before migrating an environment to the AWS Cloud. How can these reports be generated?

- A. Contact the AWS Compliance team.
- B. Download the reports from AWS Artifact.
- C. Open a case with AWS Support.
- D. Generate the reports with Amazon Made.

**Correct Answer: B**

### QUESTION 12

Which task requires the use of AWS account root account user credentials?

- A. Closing an AWS account
- B. Creating a log file
- C. Modifying IAM user permissions
- D. Deleting IAM users

**Correct Answer: A**

### QUESTION 13

Which AWS service provides a report that enables users to assess AWS infrastructure compliance?

- A. AWS Certificate Manager (ACM)
- B. Amazon DocumentDB (with MongoDB compatibility)
- C. AWS Artifact
- D. AWS Trusted Advisor

**Correct Answer: A**

### QUESTION 14

A company wants to integrate its online shopping website with social media login credentials Which AWS service can the company use to make this integration?

- A. AWS Directory Service
- B. AWS Identity and Access Management (IAM)
- C. Amazon Cognito
- D. AWS Single Sign-On

**Correct Answer: C**

### QUESTION 15

Which AWS service would identify if unrestricted access to a resource has been allowed by a security group?

- A. AWS Trusted Advisor
- B. Amazon CloudWatch
- C. VPC Flow Logs
- D. AWS CloudTrail

**Correct Answer: D**

### QUESTION 16

What is the LEAST expensive AWS Support plan that provides users with technical phone supports?

- A. AWS Business Support
- B. AWS Basic Support
- C. AWS Developer Support
- D. AWS Enterprise Support

**Correct Answer: A**

## QUESTION 17

Which Amazon EC2 pricing model is the MOST cost efficient for an uninterruptible workload that runs once a year for 24 hours?

- A. On-Demand Instances
  - B. Reserved Instances
  - C. Spot Instances
  - D. Dedicated Instances
- With On-Demand instances, you pay for compute capacity by the hour or the second depending on which instances you run. No longer-term commitments or upfront payments are needed. You can increase or decrease your compute capacity depending on the demands of your application and only pay the specified per hourly rates for the instance you use.

**Correct Answer: A**

## QUESTION 18

Which design principles of the AWS Well-Architected Framework help increase reliability? (Select TWO.)

- A. Automatically recover from failure
- B. Enable traceability.
- C. Scale horizontally to increase workload availability.
- D. Automate security best practices
- E. Keep people away from data

**Correct Answer: A,C**

## QUESTION 19

Which AWS service can be used to run Amazon EC2 instances on-premises at a user site?

- A. AWS Snowball Edge
- B. Amazon CloudFront
- C. Lambda@Edge
- D. AWS Lambda

**Correct Answer: A**

## QUESTION 20

A media company uploads audio and video files to a centralized Amazon S3 bucket from locations that are geographically dispersed.

Which AWS solution will optimize transfer speeds for these files?

- A. AWS Global Accelerator
- B. S3 Transfer Accelerator
- C. AWS Direct Connect
- D. Amazon CloudFront

**Correct Answer: D**

## QUESTION 21

Which of the following AWS Cloud services can be used to run a customer-managed relational database?

- A. Amazon EC2
- B. Amazon Route 53
- C. Amazon ElastiCache
- D. Amazon DynamoDB

**Correct Answer: A**

## QUESTION 22

A company plans to create a data lake that uses Amazon S3.

Which factor will have the MOST effect on cost?

- A. The selection of S3 storage tiers
- B. Charges to transfer existing data into Amazon S3
- C. The addition of S3 bucket policies
- D. S3 ingest fees for each request

**Correct Answer: B**

## QUESTION 23

Which Amazon S3 storage class is optimized to provide access to data with lower resiliency

requirements, but rapid access when needed, such as duplicate backups?

- A. Amazon S3 Standard
- B. Amazon S3 Glacier Deep Archive
- C. Amazon S3 One Zone-Infrequent Access
- D. Amazon S3 Glacier

**Correct Answer: C**

## QUESTION 24

What is an AWS Identity and Access Management (IAM) role?

- A. A user associated with an AWS resource
- B. A group associated with an AWS resource
- C. An entity that defines a set of permissions for use with an AWS resource
- D. An authentication credential associated with a multi-factor authentication (MFA) token

**Correct Answer: A**

## QUESTION 25

Which of the following are advantages of the AWS Cloud? (Select Two.)

- A. AWS manages all the security within the cloud
- B. Expenses never change from month to month
- C. Users can stop spending money on the maintenance of data centers
- D. Users do not need to deploy applications globally
- E. Users can stop guessing about resource capacity

**Correct Answer: C,E**

### Explanation/Reference:

Trade capital expense for variable expense -- Instead of having to invest heavily in data centers and servers before you know how you're going to use them, you can pay only when you consume computing resources, and pay only for how much you consume.

Benefit from massive economies of scale -- By using cloud computing, you can achieve a lower variable cost than you can get on your own. Because usage from hundreds of thousands of customers is aggregated in the cloud, providers such as AWS can achieve higher economies of scale, which translates into lower pay as-you-go prices.

Stop guessing capacity -- Eliminate guessing on your infrastructure capacity needs. When you make a capacity decision prior to deploying an application, you often end up either sitting on expensive idle resources or dealing with limited capacity. With cloud computing, these problems go away. You can access as much or as little capacity as you need, and scale up and down as required with only a few minutes' notice.

Increase speed and agility -- In a cloud computing environment, new IT resources are only a click away, which means that you reduce the time to make those resources available to your developers from weeks to just minutes. This results in a dramatic increase in agility for the organization, since the cost and time it takes to experiment and develop is significantly lower.

Stop spending money running and maintaining data centers -- Focus on projects that differentiate your business, not the infrastructure. Cloud computing lets you focus on your own customers, rather than on the heavy lifting of racking, stacking, and powering servers.

Go global in minutes -- Easily deploy your application in multiple regions around the world with just a few clicks. This means you can provide lower latency and a better experience for your customers at minimal cost.

## QUESTION 26

A company would like to host its MySQL databases on AWS and maintain full control over the operating system, database installation, and configuration. Which AWS service should the company use to host the databases?

- A. Amazon RDS
- B. Amazon EC2
- C. Amazon DynamoDB
- D. Amazon Aurora

**Correct Answer: B**

## QUESTION 27

Which AWS service is delivered regionally?

- A. AWS Shield
- B. Amazon S3
- C. Amazon S3
- D. AWS Identity and Access Management (IAM)

**Correct Answer: B**

## QUESTION 28

A company needs a persistent cloud environment for development and testing for a project that will

run for 3 months.

Which Amazon EC2 instance purchasing option meets these requirements MOST cost-effectively?

- A. Reserved Instances
- B. Spot Instances
- C. Dedicated Hosts
- D. On-Demand Instances

**Correct Answer: D**