

Exam **CLF-C01**

Title **AWS Certified Cloud Practitioner**

Version **18.0**

**Product
Type** **864 Q&A with explanations**

QUESTION 1

Under the shared responsibility model, which of the following is the customer responsible for?

- A. Ensuring that disk drives are wiped after use.
- B. Ensuring that firmware is updated on hardware devices.
- C. Ensuring that data is encrypted at rest.
- D. Ensuring that network cables are category six or higher.

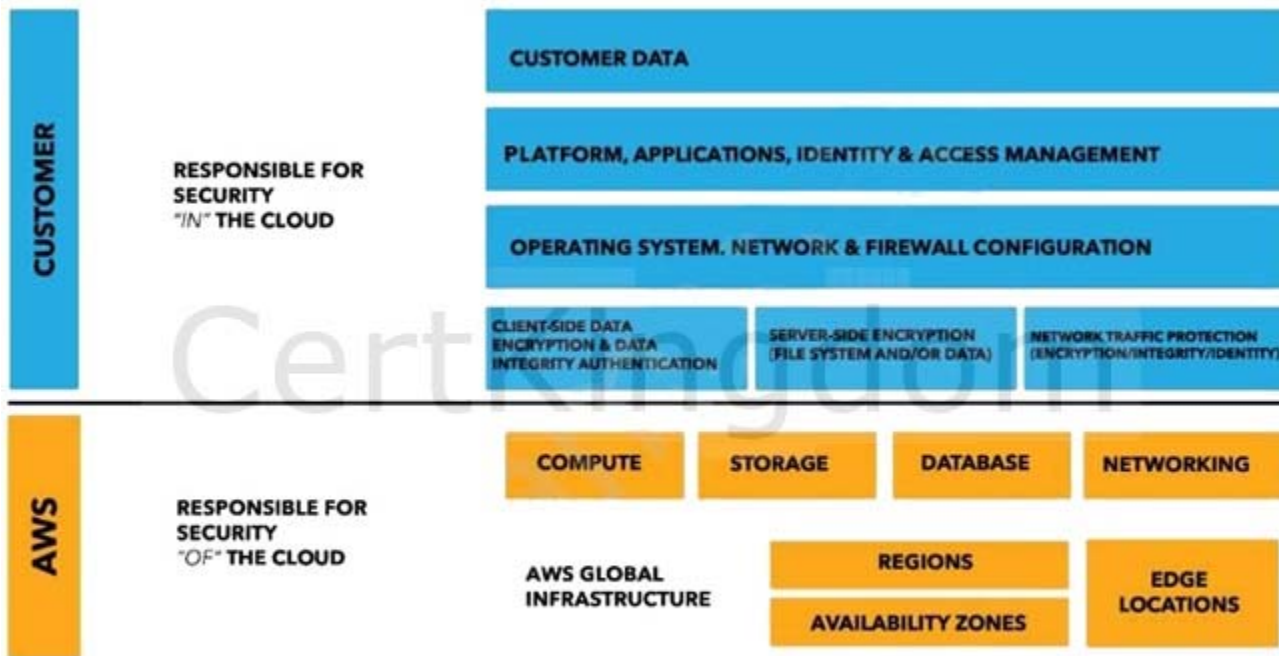
Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.whizlabs.com/blog/aws-security-shared-responsibility/>



The Shared Responsibility Model

QUESTION 2

The use of what AWS feature or service allows companies to track and categorize spending on a detailed level?

- A. Cost allocation tags
- B. Consolidated billing
- C. AWS Budgets
- D. AWS Marketplace

Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://aws.amazon.com/blogs/startups/how-to-set-aws-budget-when-paying-with-aws-credits/>

QUESTION 3

Which service stores objects, provides real-time access to those objects, and offers versioning and lifecycle

capabilities?

- A. Amazon Glacier
- B. AWS Storage Gateway
- C. Amazon S3
- D. Amazon EBS

Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://aws.amazon.com/s3/faqs/>

QUESTION 4

What AWS team assists customers with accelerating cloud adoption through paid engagements in any of several specialty practice areas?

- A. AWS Enterprise Support
- B. AWS Solutions Architects
- C. AWS Professional Services
- D. AWS Account Managers

Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://aws.amazon.com/professional-services/>

QUESTION 5

A customer would like to design and build a new workload on AWS Cloud but does not have the AWS-related software technical expertise in-house.

Which of the following AWS programs can a customer take advantage of to achieve that outcome?

- A. AWS Partner Network Technology Partners
- B. AWS Marketplace
- C. AWS Partner Network Consulting Partners
- D. AWS Service Catalog

Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

Distributing workloads across multiple Availability Zones supports which cloud architecture design principle?

- A. Implement automation.
- B. Design for agility.
- C. Design for failure.
- D. Implement elasticity.

Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

Which AWS services can host a Microsoft SQL Server database? (Choose two.)

- A. Amazon EC2
- B. Amazon Relational Database Service (Amazon RDS)
- C. Amazon Aurora
- D. Amazon Redshift
- E. Amazon S3

Answer: A,B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://aws.amazon.com/sql/>

QUESTION 8

Which of the following inspects AWS environments to find opportunities that can save money for users and also improve system performance?

- A. AWS Cost Explorer
- B. AWS Trusted Advisor
- C. Consolidated billing
- D. Detailed billing

Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Which of the following Amazon EC2 pricing models allow customers to use existing server-bound software licenses?

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

Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://aws.amazon.com/ec2/pricing/>

Dedicated Hosts

A Dedicated Host is a physical EC2 server dedicated for your use. Dedicated Hosts can help you reduce costs by allowing you to use your existing server-bound software licenses, including Windows Server, SQL Server, and SUSE Linux Enterprise Server (subject to your license terms), and can also help you meet compliance requirements. [Learn more.](#)

- Can be purchased On-Demand (hourly).
- Can be purchased as a Reservation for up to 70% off the On-Demand price.

QUESTION 10

Which AWS characteristics make AWS cost effective for a workload with dynamic user demand? (Choose two.)

- A. High availability
- B. Shared security model
- C. Elasticity
- D. Pay-as-you-go pricing
- E. Reliability

Answer: C,D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

Which service enables risk auditing by continuously monitoring and logging account activity, including user actions in the AWS Management Console and AWS SDKs?

- A. Amazon CloudWatch
- B. AWS CloudTrail
- C. AWS Config
- D. AWS Health

Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://aws.amazon.com/cloudtrail/>

QUESTION 12

Which of the following are characteristics of Amazon S3? (Choose two.)

- A. A global file system
- B. An object store
- C. A local file store
- D. A network file system
- E. A durable storage system

Answer: B,E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

Which services can be used across hybrid AWS Cloud architectures? (Choose two.)

- A. Amazon Route 53
- B. Virtual Private Gateway
- C. Classic Load Balancer
- D. Auto Scaling
- E. Amazon CloudWatch default metrics

Answer: A,B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.stratoscale.com/blog/cloud/building-hybrid-cloud-environment-using-amazon-cloud/>

QUESTION 14

What costs are included when comparing AWS Total Cost of Ownership (TCO) with on-premises TCO?

- A. Project management
- B. Antivirus software licensing
- C. Data center security
- D. Software development

Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

A company is considering using AWS for a self-hosted database that requires a nightly shutdown for maintenance and cost-saving purposes.

Which service should the company use?

- A. Amazon Redshift
- B. Amazon DynamoDB
- C. Amazon Elastic Compute Cloud (Amazon EC2) with Amazon EC2 instance store
- D. Amazon EC2 with Amazon Elastic Block Store (Amazon EBS)

Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

Which of the following is a correct relationship between regions, Availability Zones, and edge locations?

- A. Data centers contain regions.
- B. Regions contain Availability Zones.
- C. Availability Zones contain edge locations.
- D. Edge locations contain regions.

Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: https://aws.amazon.com/about-aws/global-infrastructure/regions_az/#Region_Maps_and_Edge_Networks

QUESTION 17

Which AWS tools assist with estimating costs? (Choose three.)

- A. Detailed billing report
- B. Cost allocation tags
- C. AWS Simple Monthly Calculator
- D. AWS Total Cost of Ownership (TCO) Calculator
- E. Cost Estimator

Answer: B,C,D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

Which of the following are advantages of AWS consolidated billing? (Choose two.)

- A. The ability to receive one bill for multiple accounts
- B. Service limits increasing by default in all accounts
- C. A fixed discount on the monthly bill
- D. Potential volume discounts, as usage in all accounts is combined
- E. The automatic extension of the master account's AWS support plan to all accounts

Answer: A,D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/consolidated-billing.html>

QUESTION 19

Which of the following Reserved Instance (RI) pricing models provides the highest average savings compared to On-Demand pricing?

- A. One-year, No Upfront, Standard RI pricing

- B. One-year, All Upfront, Convertible RI pricing
- C. Three-year, All Upfront, Standard RI pricing
- D. Three-year, No Upfront, Convertible RI pricing

Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://aws.amazon.com/ec2/pricing/reserved-instances/pricing/>

QUESTION 20

Compared with costs in traditional and virtualized data centers, AWS has:

- A. greater variable costs and greater upfront costs.
- B. fixed usage costs and lower upfront costs.
- C. lower variable costs and greater upfront costs.
- D. lower variable costs and lower upfront costs.

Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://d1.awsstatic.com/whitepapers/introduction-to-aws-cloud-economics-final.pdf> (10)

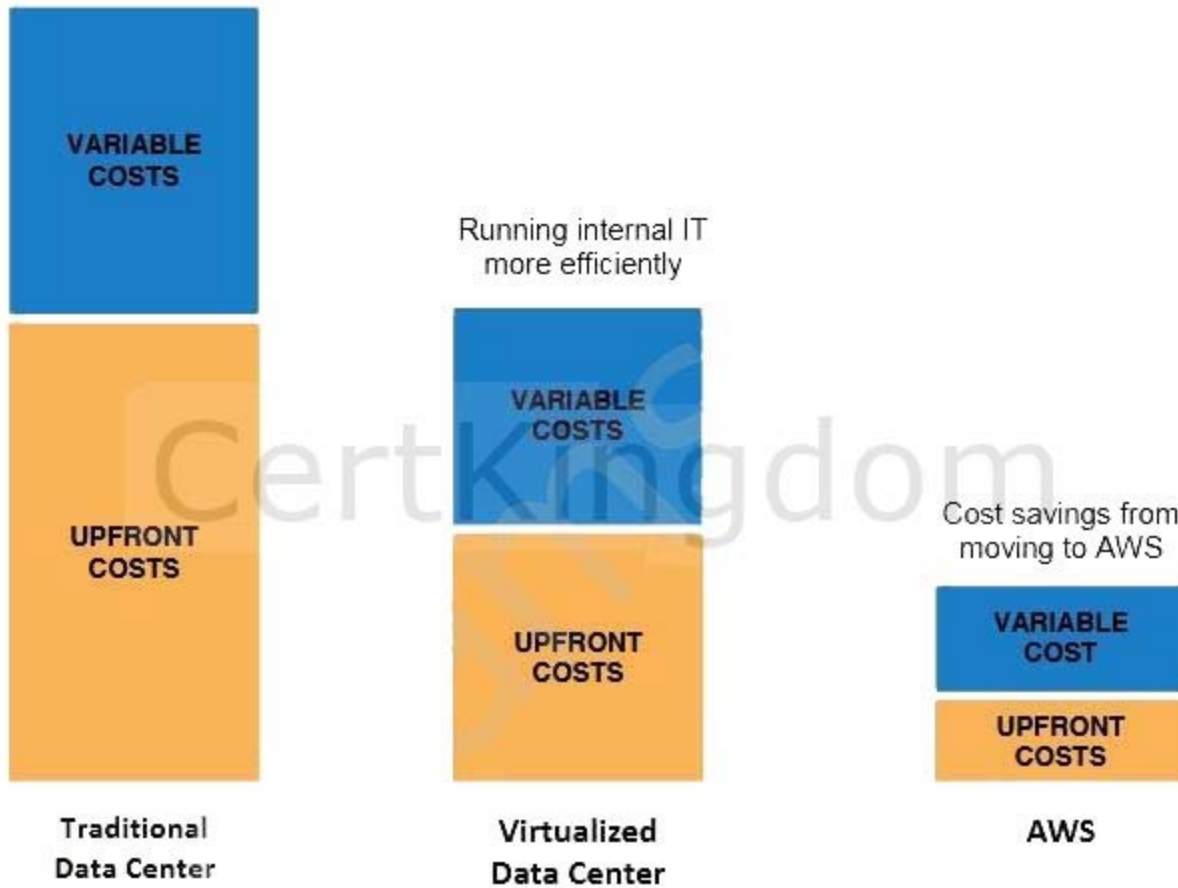


Figure 2: Cost Comparison of Data Centers and AWS