

# CLF-C02 Troytec: AWS Certified Cloud Practitioner & Amazon CLF-C02 dumps



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## Amazon CLF-C02 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>• Cloud Concepts: This section involves knowledge of value proposition and exploring design rules of AWS. It covers the advantages of techniques for moving over to AWS cloud and developing a good understanding of cloud economics.</li></ul>
Topic 2	<ul style="list-style-type: none"><li>• Billing, Pricing, and Support: This section contrasts pricing methods and budgeting resources management. It also tests understanding of billing methods, identifying support options, and technical resources.</li></ul>
Topic 3	<ul style="list-style-type: none"><li>• Security and Compliance: This section involves understanding the shared responsibility framework of AWS in addition to compliance and governance. It also involves exploring the management capabilities of AWS by exploring its security capabilities.</li></ul>
Topic 4	<ul style="list-style-type: none"><li>• Cloud Technology and Services: Describe ways to access AWS services in AWS Cloud and explore connectivity options. It deals with defining the global infrastructure of AWS, computing services, and network services.</li></ul>

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## Amazon AWS Certified Cloud Practitioner Sample Questions (Q247-Q252):

### NEW QUESTION # 247

A company needs to host a highly available application in the AWS Cloud. The application runs infrequently for short periods of time.

Which AWS service will meet these requirements with the LEAST amount of operational overhead?

- A. Amazon EC2
- B. AWS Fargate
- C. AWS Lambda
- D. Amazon Aurora

**Answer: C**

Explanation:

Explanation

The AWS service that will meet the requirements of the company that needs to host a highly available application in the AWS Cloud that runs infrequently for short periods of time with the least amount of operational overhead is AWS Lambda. AWS Lambda is a serverless compute service that allows customers to run code without provisioning or managing servers. The company can use AWS Lambda to create and deploy their application as functions that are triggered by events, such as API calls, messages, or schedules. AWS Lambda automatically scales the compute resources based on the demand, and customers only pay for the compute time they consume. AWS Lambda also simplifies the management and maintenance of the application, as customers do not need to worry about the underlying infrastructure, security, or availability.

Amazon EC2, AWS Fargate, and Amazon Aurora are not the best services to use for this purpose. Amazon EC2 is a service that provides scalable compute capacity in the cloud, and allows customers to launch and run virtual servers, called instances, with a variety of operating systems, configurations, and specifications.

Amazon EC2 requires customers to provision and manage the instances, and pay for the instance hours they use, regardless of the application usage. AWS Fargate is a serverless compute engine for containers that allows customers to run containerized applications without managing servers or clusters. AWS Fargate requires customers to specify the amount of CPU and memory resources for each container, and pay for the resources they allocate, regardless of the application usage. Amazon Aurora is a fully managed relational database service that provides high performance, availability, and compatibility. Amazon Aurora is not a compute service, and it is not suitable for hosting an application that runs infrequently for short periods of time.

### NEW QUESTION # 248

Which encryption types can be used to protect objects at rest in Amazon S3? (Select TWO.)

- A. SSL
- B. Server-side encryption with AWS KMS managed keys (SSE-KMS)
- C. Server-side encryption with Amazon S3 managed encryption keys (SSE-S3)
- D. Transparent Data Encryption (TDE)
- E. TLS

**Answer: B,C**

Explanation:

Server-side encryption with Amazon S3 managed encryption keys (SSE-S3) and server-side encryption with AWS KMS managed keys (SSE-KMS) are the encryption types that can be used to protect objects at rest in Amazon S3. Server-side encryption means that Amazon S3 encrypts the objects before saving them on disks and decrypts them when they are downloaded. SSE-S3 uses one master key per bucket that is managed by Amazon S3. SSE-KMS uses a customer master key (CMK) that is stored in AWS Key Management Service (AWS KMS) and provides additional benefits, such as audit trails and key rotation. For more information, see [Protecting Data Using Server-Side Encryption](#) and [Protecting Data Using Encryption](#).

### NEW QUESTION # 249

Which statements explain the business value of migration to the AWS Cloud? (Select TWO.)

- A. Applications are modernized because migration to the AWS Cloud requires companies to rearchitect and rewrite all

enterprise applications.

- B. Companies that migrate to the AWS Cloud reduce IT costs related to infrastructure, freeing budget for reinvestment in other areas.
- C. Companies that migrate to the AWS Cloud eliminate the need to plan for high availability and disaster recovery.
- D. AWS availability and security provide the ability to improve service level agreements (SLAs) while reducing risk and unplanned downtime.
- E. The migration of enterprise applications to the AWS Cloud makes these applications automatically available on mobile devices.

**Answer: B,D**

Explanation:

B and D are correct because AWS availability and security enable customers to improve their SLAs while reducing risk and unplanned downtime<sup>1</sup>, and AWS reduces IT costs related to infrastructure, allowing customers to reinvest in other areas<sup>2</sup>. A is incorrect because migrating to the AWS Cloud does not automatically make applications available on mobile devices, as it depends on the application design and compatibility. C is incorrect because companies that migrate to the AWS Cloud still need to plan for high availability and disaster recovery, as AWS is a shared responsibility model<sup>3</sup>. E is incorrect because migrating to the AWS Cloud does not require companies to rearchitect and rewrite all enterprise applications, as AWS offers different migration strategies depending on the application complexity and business objectives<sup>4</sup>.

### NEW QUESTION # 250

An auditor is preparing for an annual security audit. The auditor requests certification details for a company's AWS hosted resources across multiple Availability Zones in the us-east-1 Region.

How should the company respond to the auditor's request?

- A. Open an AWS Support ticket to request that the auditor receive approval to conduct an onsite assessment of the AWS data centers in which the company operates.
- B. Open an AWS Support ticket to request that the AWS technical account manager (TAM) respond and help the auditor.
- C. Use AWS Artifact to download the applicable report for AWS security controls. Provide the report to the auditor.
- D. Explain to the auditor that AWS does not need to be audited because the company's application is hosted in multiple Availability Zones.

**Answer: C**

Explanation:

AWS Artifact is your go-to, central resource for compliance-related information that matters to you. It provides on-demand access to AWS' security and compliance reports and select online agreements. Reports available in AWS Artifact include our Service Organization Control (SOC) reports, Payment Card Industry (PCI) reports, and certifications from accreditation bodies across geographies and compliance verticals that validate the implementation and operating effectiveness of AWS security controls. Agreements available in AWS Artifact include the Business Associate Addendum (BAA) and the Nondisclosure Agreement (NDA). You can use AWS Artifact to download the applicable report for AWS security controls and provide it to the auditor.

### NEW QUESTION # 251

Which option is a perspective that includes foundational capabilities of the AWS Cloud Adoption Framework (AWS CAF)?

- A. Sustainability
- B. Security
- C. Reliability
- D. Performance efficiency

**Answer: B**

Explanation:

Explanation

The AWS Cloud Adoption Framework (AWS CAF) helps organizations understand how cloud adoption transforms the way they work, and it provides structure to identify and address gaps in skills and processes.

The AWS CAF organizes guidance into six areas of focus, called perspectives. Each perspective reflects a different stakeholder viewpoint with its own distinct responsibilities, skills, and attributes. The Security Perspective helps you structure the selection and implementation of security controls that meet your organization's needs<sup>2</sup>.

