

Amazon Web Services

Exam Questions CLF-C02

AWS Certified Cloud Practitioner



NEW QUESTION 1

- (Exam Topic 1)

A company is using AWS Lambda. Which task is the company's responsibility, according to the AWS shared responsibility model?

- A. Update the Lambda runtime language.
- B. Maintain the runtime environment.
- C. Maintain the networking infrastructure.
- D. Configure the resource.

Answer: A

Explanation:

<https://aws.amazon.com/lambda/security-overview-of-aws-lambda/> When customers use AWS Lambda, AWS manages the underlying infrastructure and foundation services, the operating system, and the application platform. Customers themselves are responsible for the security of their code, the storage and accessibility of sensitive data, and identity and access management (IAM) to the Lambda service and within their function.

NEW QUESTION 2

- (Exam Topic 1)

A company is running and managing its own Docker environment on Amazon EC2 instances. The company wants an alternative to help manage cluster size, scheduling, and environment maintenance.

Which AWS service meets these requirements?

- A. AWS Lambda
- B. Amazon RDS
- C. AWS Fargate
- D. Amazon Athena

Answer: C

NEW QUESTION 3

- (Exam Topic 1)

A company needs to use machine learning and pattern matching to identify and protect sensitive data that the company stores in the AWS Cloud.

Which AWS service will meet these requirements?

- A. Amazon Inspector
- B. Amazon Macie
- C. Amazon GuardDuty
- D. AWS Audit Manager

Answer: B

Explanation:

Amazon Macie is a fully managed data security and data privacy service that uses machine learning and pattern matching to discover and protect your sensitive data in AWS.

NEW QUESTION 4

- (Exam Topic 1)

Which AWS service or feature enables users to get one bill and easily track charges for multiple AWS accounts?

- A. AWS Organizations
- B. Cost Explorer
- C. AWS Trusted Advisor
- D. AWS Management Console

Answer: A

Explanation:

You can use the consolidated billing feature in AWS Organizations to consolidate billing and payment for multiple AWS accounts or multiple Amazon Internet Services Pvt. Ltd (AISPL) accounts. Every organization in AWS Organizations has a management account that pays the charges of all the member accounts.

NEW QUESTION 5

- (Exam Topic 1)

Which AWS service enables the decoupling and scaling of applications?

- A. Amazon Simple Queue Service (Amazon SQS)
- B. AWS Outposts
- C. Amazon S3
- D. Amazon Simple Email Service (Amazon SES)

Answer: A

Explanation:

Amazon Simple Queue Service (SQS) is a fully managed message queuing service that enables you to decouple and scale microservices, distributed systems, and serverless applications.

NEW QUESTION 6

- (Exam Topic 1)

A company's on-premises application deployment cycle was 3-4 weeks. After migrating to the AWS Cloud, the company can deploy the application in 2-3 days. Which benefit has this company experienced by moving to the AWS Cloud?

- A. Elasticity
- B. Flexibility
- C. Agility
- D. Resilience

Answer: C

Explanation:

<https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html>

NEW QUESTION 7

- (Exam Topic 1)

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

Answer: B

NEW QUESTION 8

- (Exam Topic 1)

What is a benefit of moving to the AWS Cloud in terms of improving time to market?

- A. Decreased deployment speed
- B. Increased application security
- C. Increased business agility
- D. Increased backup capabilities

Answer: C

NEW QUESTION 9

- (Exam Topic 1)

Which of the following is the customer responsible for updating and patching, according to the AWS shared responsibility model?

- A. Amazon FSx for Windows File Server
- B. Amazon Workspaces virtual Windows desktop
- C. AWS Directory Service for Microsoft Active Directory
- D. Amazon RDS for Microsoft SQL Server

Answer: B

NEW QUESTION 10

- (Exam Topic 2)

A company is developing a new Node.js application. The application must have a scalable NoSQL database to meet increasing demand as the popularity of the application grows.

Which AWS services will meet the requirements for the database?

- A. Amazon Aurora Serverless
- B. Amazon ElastiCache
- C. Amazon DynamoDB
- D. Amazon Redshift

Answer: C

NEW QUESTION 11

- (Exam Topic 2)

A company that is migrating to the AWS Cloud wants to reduce the operational costs of running its databases. Which combination of actions should the company take to achieve this goal (Select TWO.)

- A. Activate Amazon DynamoDB Accelerator (DAX)
- B. Deploy resources across multiple Availability Zones.
- C. Decrease operational tasks by using AWS managed services.
- D. Automate changes and responses to events.
- E. Use the AWS global infrastructure to benefit from economies of scale

Answer: CD

NEW QUESTION 12

- (Exam Topic 2)

Which of the following gives a company the ability to take advantage of tiered pricing for services across multiple AWS member accounts?

- A. AWS Organizations service control policies (SCPs)
- B. AWS Organizations consolidated billing
- C. All Upfront Reserved instances
- D. Cost Explorer utilization reports

Answer: B

NEW QUESTION 13

- (Exam Topic 2)

Which pillar of the AWS Well-Architected Framework refers to the ability of a system to recover from infrastructure or service disruptions and dynamically acquire computing resources to meet demand?

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

Answer: B

NEW QUESTION 14

- (Exam Topic 2)

Which benefit of cloud computing gives a company the ability to deploy applications to users all over the world through a network of AWS Regions, Availability Zones, and edge locations?

- A. Economy of scale
- B. Global reach
- C. Agility
- D. High availability

Answer: C

NEW QUESTION 15

- (Exam Topic 3)

What is the MOST secure way to store passwords on AWS?

- A. Store passwords in an Amazon S3 bucket.
- B. Store passwords as AWS CloudFormation parameters.
- C. Store passwords in AWS Storage Gateway.
- D. Store passwords in AWS Secrets Manager.

Answer: D

NEW QUESTION 16

- (Exam Topic 3)

A company is building a business intelligence solution using Amazon Redshift. The company wants to use an AWS service to create interactive dashboards and not pay any upfront costs for it.

Which service should the company use?

- A. Amazon CloudWatch
- B. AWS Personal Health Dashboard
- C. AWS Service Catalog
- D. Amazon QuickSight

Answer: D

NEW QUESTION 17

- (Exam Topic 3)

What is the security best practice concerning sensitive data stored in Amazon S3?

- A. Enable cross-Region replication on the S3 bucket.
- B. Enable S3 server-side encryption on the S3 bucket.
- C. Configure AWS WAF to prevent unauthorized access to the S3 bucket.
- D. Configure Amazon GuardDuty to prevent unauthorized access to the S3 bucket.

Answer: B

NEW QUESTION 18

- (Exam Topic 3)

Which AWS service allows a user to provision a managed MySQL DB instance?

- A. Amazon DynamoDB
- B. Amazon Redshift
- C. Amazon RDS
- D. AWS Database Migration Service (AWS DMS)

Answer: C

NEW QUESTION 19

- (Exam Topic 3)

When AWS tool acts as a firewall to control traffic in and out of subnets within a VPC?

- A. Security group
- B. Route table
- C. VPC endpoint
- D. Network access control list (ACL)

Answer: D

NEW QUESTION 20

- (Exam Topic 3)

A company runs an application in the AWS Cloud. The level of traffic to the application vary throughout the week. The company wants to increase the reliability of its application at all times, even during times of high traffic.

Which combination of steps will meet this requirement? (Select TWO.)

- A. Test recovery procedures.
- B. Purchase instance weekly based on the previous week's high traffic points.
- C. Handle software failures automatically.
- D. Scale the application vertically.
- E. Make all changes in the environment manually.

Answer: CD

NEW QUESTION 21

- (Exam Topic 3)

Which AWS service can convert taxi 10 lifelike speech?

- A. Amazon Policy
- B. Amazon Textract
- C. Amazon Transcribe
- D. Amazon Comprehend

Answer: C

NEW QUESTION 22

- (Exam Topic 3)

Which action will help increase security in the AWS Cloud?

- A. Enable programmatic access for all IAM users.
- B. Use IAM users instead of IAM roles to delegate permissions.
- C. Rotate access keys on a reoccurring basis.
- D. Use inline policies instead of customer managed policies.

Answer: C

Explanation:

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

Where possible, we recommend relying on temporary credentials instead of creating long-term credentials such as access keys. However, for scenarios in which you need IAM users with programmatic access and long-term credentials, we recommend that you rotate access keys. Regularly rotating long-term credentials helps you familiarize yourself with the process. This is useful in case you are ever in a situation where you must rotate credentials, such as when an employee leaves your company. We recommend that you use IAM access last used information to rotate and remove access keys safely.

NEW QUESTION 23

- (Exam Topic 3)

Which AWS service provides a virtual desktop solution?

- A. Amazon EC2
- B. AWS Elastic Beanstalk
- C. AWS System Manager
- D. Amazon Workspaces

Answer: C

NEW QUESTION 24

- (Exam Topic 3)

Which AWS service can a company use to analyze and debug performance issues of an AWS Lambda function?

- A. Amazon Inspector
- B. Amazon Detective
- C. AWS CodeStar
- D. AWS X-Ray

Answer:

D

Explanation:

<https://docs.aws.amazon.com/lambda/latest/operatorguide/general-approach.html>

NEW QUESTION 25

- (Exam Topic 3)

A company wants to build an application that consists entirely of microservices. Which AWS Cloud architecture design principle supports this goal?

- A. Think parallel.
- B. Implement elasticity.
- C. Stop guessing capacity.
- D. Decouple components

Answer: D

NEW QUESTION 26

- (Exam Topic 3)

A company wants to build an application that uses AWS Lambda to run Python code. Under the AWS shared responsibility model, which tasks will be the company's responsibility? (Select TWO.)

- A. Management of the underlying infrastructure.
- B. Management of the operating system.
- C. Writing the business logic code.
- D. Installation of the computer language runtime.
- E. Providing AWS Identity and Access Management (IAM) access to the Lambda service.

Answer: CE

NEW QUESTION 27

- (Exam Topic 3)

Which of the following are pillars of the AWS Well-Architected Framework? (Select TWO.)

- A. Resource scalability
- B. Performance efficiency
- C. System elasticity
- D. Agile development
- E. Operational excellence

Answer: BE

Explanation:

Creating a software system is a lot like constructing a building. If the foundation is not solid, structural problems can undermine the integrity and function of the building. When architecting technology solutions, if you neglect the six pillars of operational excellence, security, reliability, performance efficiency, cost optimization, and sustainability, it can become challenging to build a system that delivers on your expectations and requirements. Incorporating these pillars into your architecture will help you produce stable and efficient systems. This will allow you to focus on the other aspects of design, such as functional requirements.

Pillars

Operational excellence Security

Reliability Performance efficiency Cost optimization Sustainability

NEW QUESTION 28

- (Exam Topic 3)

What is a characteristic of Convertible Reserved Instances (RIs)?

- A. Users can exchange Convertible RIs for other Convertible RIs from a different instance family.
- B. Users can exchange Convertible RIs for other Convertible RIs in different AWS Regions.
- C. Users can sell and buy Convertible RIs on the AWS Marketplace.
- D. Users can shorten the term of their Convertible RIs by merging them with other Convertible RIs.

Answer: A

NEW QUESTION 29

- (Exam Topic 3)

A company is using Amazon EC2 instances. Which tasks are the company's responsibility, according to the AWS shared responsibility model? (Select TWO.)

- A. Choose the initial root password of new Linux instances.
- B. Identify which users can access the EC2 instances, and manage their permissions in the operating system
- C. Apply the updates of the hypervisor where the EC2 instances are running.
- D. Choose between a Wi-Fi connection and an Ethernet connection for the global internet access.
- E. Identify and manage the users who are allowed to create or delete EC2 instances.

Answer: BE

NEW QUESTION 30

- (Exam Topic 3)

Which AWS service gives a company the ability to use a private, dedicated connection between a VPC and an on-premises data center?

- A. AWS Direct Connect
- B. Amazon API Gateway
- C. AWS Systems Manager
- D. AWS CloudFormation

Answer: A

NEW QUESTION 31

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