

CLF-C02^{Q&As}

AWS Certified Cloud Practitioner

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QUESTION 1

Which option is AWS responsible for under the AWS shared responsibility model?

- A. Network and firewall configuration
- B. Client-side data encryption
- C. Management of user permissions
- D. Hardware and infrastructure

Correct Answer: D

Explanation: Hardware and infrastructure is the option that AWS is responsible for under the AWS shared responsibility model. The AWS shared responsibility model describes how AWS and customers share responsibilities for security and compliance in the cloud. AWS is responsible for security of the cloud, which means protecting the infrastructure that runs all the services offered in the AWS Cloud. This infrastructure is composed of the hardware, software, networking, and facilities that run AWS Cloud services. Customers are responsible for security in the cloud, which means taking care of the security of their own applications, data, and operating systems. This includes network and firewall configuration, client-side data encryption, management of user permissions, and more.

QUESTION 2

A company needs to continuously monitor its environment to analyze network and account activity and identify potential security threats.

Which AWS service should the company use to meet these requirements?

- A. AWS Artifact
- B. Amazon Macie
- C. AWS Identity and Access Management (1AM)
- D. Amazon GuardDuty

Correct Answer: D

Explanation: Amazon GuardDuty is a service that provides intelligent threat detection and continuous monitoring for the AWS environment. It analyzes network and account activity using machine learning and threat intelligence to identify potential security threats, such as unauthorized access, compromised credentials, malicious hosts, and reconnaissance activities. It also generates detailed and actionable findings that can be viewed on the AWS Management Console or sent to other AWS services, such as Amazon CloudWatch Events and AWS Lambda, for further analysis or remediation. Amazon GuardDuty OverviewAWS Certified Cloud Practitioner - aws.amazon.com

QUESTION 3

A company deploys its application to multiple AWS Regions and configures automatic failover between those Regions.

Which cloud concept does this architecture represent?



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- A. Security
- B. Reliability
- C. Scalability
- D. Cost optimization

Correct Answer: B

Explanation: Reliability is the cloud concept that this architecture represents. Reliability is the ability of a system to recover from infrastructure or service disruptions, dynamically acquire computing resources to meet demand, and mitigate disruptions such as misconfigurations or transient network issues. Deploying an application to multiple AWS Regions and configuring automatic failover between those Regions enhances the reliability of the application by reducing the impact of regional failures and increasing the availability of the application4

QUESTION 4

A company wants to create multiple isolated networks in the same AWS account.

Which AWS service or component will provide this functionality?

- A. AWS Transit Gateway
- B. Internet gateway
- C. Amazon VPC
- D. Amazon EC2

Correct Answer: C

Explanation: Amazon Virtual Private Cloud (Amazon VPC) is the AWS service that allows customers to create multiple isolated networks in the same AWS account. A VPC is a logically isolated section of the AWS Cloud where customers can launch AWS resources in a virtual network that they define. Customers can create multiple VPCs within an AWS account, each with its own IP address range, subnets, route tables, security groups, network access control lists, gateways, and other components. AWS Transit Gateway, Internet gateway, and Amazon EC2 are not services or components that provide the functionality of creating multiple isolated networks in the same AWS account. AWS Transit Gateway is a service that enables customers to connect their Amazon VPCs and their on- premises networks to a single gateway. An Internet gateway is a component that enables communication between instances in a VPC and the Internet. Amazon EC2 is a service that provides scalable compute capacity in the cloud34

QUESTION 5

A company is migrating an application that includes an Oracle database to AWS. The company cannot rewrite the application.

To which AWS service could the company migrate the database?

- A. Amazon Athena
- B. Amazon DynamoDB



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C. Amazon RDS

D. Amazon DocumentDB (with MongoDB compatibility)

Correct Answer: C

Explanation: Amazon Relational Database Service (Amazon RDS) is a service that provides fully managed relational database engines. Amazon RDS supports several database engines, including Oracle, MySQL, PostgreSQL, MariaDB, SQL Server, and Amazon Aurora. Amazon RDS can be used to migrate an application that includes an Oracle database to AWS without rewriting the application, as long as the application is compatible with the Oracle version and edition supported by Amazon RDS. Amazon RDS can also provide benefits such as high availability, scalability, security, backup and restore, and performance optimization. [Amazon RDS Overview] AWS Certified Cloud Practitioner aws.amazon.com

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