

# DUMPS ARENA

## AWS Certified Cloud Practitioner

Amazon Web Services CLF-C02

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**QUESTION NO: 1**

A company has a compliance requirement to record and evaluate configuration changes, as well as perform remediation actions on AWS resources.

Which AWS service should the company use?

- A. AWS Config
- B. AWS Secrets Manager
- C. AWS CloudTrail
- D. AWS Trusted Advisor

**ANSWER: A****Explanation:**

AWS Config is a service that enables you to assess, audit, and evaluate the configurations of your AWS resources. AWS Config continuously monitors and records your AWS resource configurations and allows you to automate the evaluation of recorded configurations against desired configurations. With AWS Config, you can review changes in configurations and relationships between AWS resources, dive into detailed resource configuration histories, and determine your overall compliance against the configurations specified in your internal guidelines. This can help you simplify compliance auditing, security analysis, change management, and operational troubleshooting<sup>1</sup>.

**QUESTION NO: 2**

AWS has the ability to achieve lower pay-as-you-go pricing by aggregating usage across hundreds of thousands of users.

This describes which advantage of the AWS Cloud?

- A. Launch globally in minutes
- B. Increase speed and agility
- C. High economies of scale
- D. No guessing about compute capacity

**ANSWER: C****Explanation:**

AWS has the ability to achieve lower pay-as-you-go pricing by aggregating usage across hundreds of thousands of users. This means that AWS can leverage its massive scale and purchasing power to reduce the costs of infrastructure, hardware, software, and operations. These savings are then

passed on to the customers, who only pay for the resources they use. You can learn more about the AWS pricing model from [this webpage] or [this digital course].

**QUESTION NO: 3**

Which design principles support the reliability pillar of the AWS Well-Architected Framework? (Choose two.)

- A. Perform operations as code.
- B. Enable traceability.
- C. Automatically scale to meet demand.
- D. Deploy resources globally to improve response time.
- E. Automatically recover from failure.

**ANSWER: C E****Explanation:**

CE (75%) AE (25%)

**QUESTION NO: 4**

A company is planning to migrate to the AWS Cloud. The company is conducting organizational transformation and wants to become more responsive to customer inquiries and feedback.

Which tasks should the company perform to meet these requirements, according to the AWS Cloud Adoption Framework (AWS CAF)? (Select TWO.)

- A. Realign teams to focus on products and value streams.
- B. Create new value propositions with new products and services.
- C. Use agile methods to rapidly iterate and evolve.
- D. Use a new data and analytics platform to create actionable insights.
- E. Migrate and modernize legacy infrastructure.

**ANSWER: A C****Explanation:**

Realigning teams to focus on products and value streams, and using agile methods to rapidly iterate

and evolve are tasks that the company should perform to meet the requirements of becoming more responsive to customer inquiries and feedback, according to the AWS Cloud Adoption Framework (AWS CAF). AWS CAF organizes guidance into six areas of focus, called perspectives: business, people, governance, platform, security, and operations. Each perspective is divided into capabilities, which describe the skills and processes to execute the transition effectively. The people perspective

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recover IT workloads to the level agreed upon with your business stakeholders. However, it is also not directly related to the requirement of becoming more responsive to customer inquiries and feedback.

**QUESTION NO: 5**

Which AWS service or feature captures information about the network traffic to and from an Amazon EC2 instance?

- A. VPC Reachability Analyzer
- B. Amazon Athena
- C. VPC Flow Logs
- D. AWS X-Ray

**ANSWER: C****Explanation:**

The correct answer is C because VPC Flow Logs is an AWS service or feature that captures information about the network traffic to and from an Amazon EC2 instance. VPC Flow Logs is a feature that enables customers to capture information about the IP traffic going to and from network interfaces in their VPC. VPC Flow Logs can help customers to monitor and troubleshoot connectivity issues, such as traffic not reaching an instance or traffic being rejected by a security group. The other options are incorrect because they are not AWS services or features that capture information about

the network traffic to and from an Amazon EC2 instance. VPC Reachability Analyzer is an AWS service or feature that enables customers to perform connectivity testing between resources in their VPC

and identify configuration issues that prevent connectivity. Amazon Athena is an AWS service that enables customers to query data stored in Amazon S3 using standard SQL. AWS X-Ray is an AWS service that enables customers to analyze and debug distributed applications, such as those built using a microservices architecture. Reference: VPC Flow Logs

**QUESTION NO: 6**

Which of the following actions are controlled with AWS Identity and Access Management (IAM)? (Select TWO.)

- A. Control access to AWS service APIs and to other specific resources.
- B. Provide intelligent threat detection and continuous monitoring.
- C. Protect the AWS environment using multi-factor authentication (MFA).
- D. Grant users access to AWS data centers.
- E. Provide firewall protection for applications from common web attacks.

**ANSWER: A C**

**Explanation:**

AWS Identity and Access Management (IAM) is a service that enables you to manage access to AWS services and resources securely. You can use IAM to perform the following actions:

Control access to AWS service APIs and to other specific resources: You can create users, groups,

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**QUESTION NO: 7**

In which categories does AWS Trusted Advisor provide recommended actions? (Select TWO.)

- A. Operating system patches
- B. Cost optimization
- C. Repetitive tasks
- D. Service quotas
- E. Account activity records

**ANSWER: B D**

**Explanation:**

AWS Trusted Advisor is a service that provides real-time guidance to help you provision your resources following AWS best practices. AWS Trusted Advisor provides recommended actions in five categories: cost optimization, performance, security, fault tolerance, and service quotas. Cost optimization helps you reduce your overall AWS costs by identifying idle and underutilized resources. Service quotas helps you monitor and manage your usage of AWS service quotas and request quota increases. Operating system patches, repetitive tasks, and account activity records are not categories that AWS Trusted Advisor provides recommended actions for. Source: [AWS Trusted Advisor]

**QUESTION NO: 8**

A company is assessing its AWS Business Support plan to determine if the plan still meets the company's needs. The company is considering

switching to AWS Enterprise Support.

Which additional benefit will the company receive with AWS Enterprise Support?

- A. A full set of AWS Trusted Advisor checks
- B. Phone, email, and chat access to cloud support engineers 24 hours a day, 7 days a week
- C. A designated technical account manager (TAM) to assist in monitoring and optimization
- D. A consultative review and architecture guidance for the company's applications

**ANSWER: C****QUESTION NO: 9**

Elasticity in the AWS Cloud refers to which of the following? (Choose two.)

- A. How quickly an Amazon EC2 instance can be restarted
- B. The ability to rightsize resources as demand shifts
- C. The maximum amount of RAM an Amazon EC2 instance can use
- D. The pay-as-you-go billing model
- E. How easily resources can be procured when they are needed

**ANSWER: B E****Explanation:**

BE (8) 11%

**QUESTION NO: 10**

Which tasks are customer responsibilities, according to the AWS shared responsibility model? (Choose two.)

- A. Configure the AWS provided security group firewall.

- B. Classify company assets in the AWS Cloud.
- C. Determine which Availability Zones to use for Amazon S3 buckets.
- D. Patch or upgrade Amazon DynamoDB.
- E. Select Amazon EC2 instances to run AWS Lambda on.

**ANSWER: A B**

**Explanation:**

AB (82%) Other

**QUESTION NO: 11**

Which of the following are components of an AWS Site-to-Site VPN connection? (Select TWO.)

- A. AWS Storage Gateway
- B. Virtual private gateway
- C. NAT gateway
- D. Customer gateway
- E. Internet gateway

**ANSWER: B D**

**Explanation:**

The correct answers are B and D because a virtual private gateway and a customer gateway are components of an AWS Site-to-Site VPN connection. A virtual private gateway is the AWS side of the VPN connection that attaches to the customers VPC. A customer gateway is the customer side of the VPN connection that resides in the customers network. The other options are incorrect because they are not components of an AWS Site-to-Site VPN connection. AWS Storage Gateway is a service that connects on-premises software applications with cloud-based storage. NAT gateway is a service that enables instances in a private subnet to connect to the internet or other AWS services, but prevents

the internet from initiating a connection with those instances. Internet gateway is a service that

enables communication between instances in a VPC and the internet. Reference: [What is AWS Site-to-Site VPN?]

**QUESTION NO: 12**

Which AWS Support plan is the minimum recommended tier for users who have production workloads on AWS?

- A. AWS Developer Support
- B. AWS Enterprise Support
- C. AWS Business Support
- D. AWS Enterprise On-Ramp Support

**ANSWER: C**

**Explanation:**

AWS Business Support is the minimum recommended tier for users who have production workloads on AWS. AWS Business Support provides 24x7 access to cloud support engineers via phone, chat, or email, as well as a guaranteed response time of less than one hour for urgent issues. AWS Business Support also includes access to AWS Trusted Advisor, a tool that provides real-time guidance to help you provision your resources following AWS best practices<sup>4</sup>.

**QUESTION NO: 13**

Which group shares responsibility with AWS for security and compliance of AWS accounts and resources?

- A. Third-party vendors
- B. Customers
- C. Reseller partners
- D. Internet providers

**ANSWER: B**

**Explanation:**

Customers share responsibility with AWS for security and compliance of AWS accounts and resources. This is part of the AWS shared responsibility model, which defines the division of responsibilities between AWS and the customer for security and compliance. AWS is responsible for the security of the cloud, which includes the physical and environmental controls of the AWS global

**QUESTION NO: 14**

What is the purpose of having an internet gateway within a VPC?

- A. To create a VPN connection to the VPC
- B. To allow communication between the VPC and the internet

- C. To impose bandwidth constraints on internet traffic
- D. To load balance traffic from the internet across Amazon EC2 instances

**ANSWER: B**

#### QUESTION NO: 15

A developer needs to maintain a development environment infrastructure and a production environment infrastructure in a repeatable fashion.

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

- A. AWS Ground Station
- B. AWS Shield
- C. AWS IoT Device Defender
- D. AWS CloudFormation

**ANSWER: D**

#### Explanation:

D (100%)

#### QUESTION NO: 16

A company's application stores data in an Amazon S3 bucket. The company has an AWS Lambda function that processes data in the S3

bucket. The company needs to invoke the function once a day at a specific time. Which AWS service should the company use to meet this requirement?

- A. AWS Managed Services (AMS)
- B. AWS CodeStar
- C. Amazon EventBridge
- D. AWS Step Functions

**ANSWER: C****Explanation:**

Amazon EventBridge is the service that the company should use to meet the requirement of

invoking the Lambda function once a day at a specific time. Amazon EventBridge is a serverless event bus service that allows you to easily connect your applications with data from AWS services, SaaS applications, and your own applications. You can use Amazon EventBridge to create rules that match events and route them to targets such as AWS Lambda functions, Amazon SNS topics, Amazon SQS queues, or other AWS services. You can also use Amazon EventBridge to create scheduled rules that trigger your targets at a specific time or interval, such as once a day. AWS Managed Services (AMS), AWS CodeStar, and AWS Step Functions are not services that the company should use to meet this

**QUESTION NO: 17**

Which of the following promotes AWS Cloud architectural best practices for designing and operating

- A. AWS Serverless Application Model framework
- B. AWS Business Support
- C. Principle of least privilege
- D. AWS Well-Architected Framework

**ANSWER: D****Explanation:**

AWS Well-Architected Framework promotes AWS Cloud architectural best practices for designing and operating reliable, secure, efficient, and cost-effective systems. AWS Well-Architected Framework is

a set of guidelines and best practices that help the user to evaluate and improve the architecture of their applications and workloads on AWS. AWS Well-Architected Framework consists of five pillars: operational excellence, security, reliability, performance efficiency, and cost optimization. Each pillar provides a set of design principles, questions, and best practices that help the user to achieve the desired outcomes for their systems.

**QUESTION NO: 18**

A company launched an Amazon EC2 instance with the latest Amazon Linux 2 Amazon Machine Image (AMI).

Which actions can a system administrator take to connect to the EC2 instance? (Choose two.)

- A. Use Amazon EC2 Instance Connect.
- B. Use a Remote Desktop Protocol (RDP) connection.
- C. Use AWS Batch.
- D. Use AWS Systems Manager Session Manager.
- E. Use Amazon Connect.

**ANSWER: D E**

### QUESTION NO: 19

Which actions are best practices for an AWS account root user? (Select TWO.)

- A. Share root user credentials with team members.
- B. Create multiple root users for the account, separated by environment.
- C. Enable multi-factor authentication (MFA) on the root user.
- D. Create an IAM user with administrator privileges for daily administrative tasks, instead of using the root user. Use programmatic access instead of the root user and password.

**ANSWER: C D**

#### Explanation:

The AWS account root user is the identity that has complete access to all AWS services and resources in the account. It is accessed by signing in with the email address and password that were used to create the account<sup>1</sup>. The root user should be protected and used only for a few account and service management tasks that require it<sup>1</sup>. Therefore, the following actions are best practices for an AWS

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Enable multi-factor authentication (MFA) on the root user. MFA is a security feature that requires users to provide two or more pieces of information to authenticate themselves, such as a password and a code from a device. MFA adds an extra layer of protection for the root user credentials, which can access sensitive information and perform critical operations in the account<sup>2</sup>.

Create an IAM user with administrator privileges for daily administrative tasks, instead of using the root user. IAM is a service that helps customers manage access to AWS resources for users and groups. Customers can create IAM users and assign them permissions to perform specific tasks on specific resources. Customers can also create IAM roles and policies to delegate access to other AWS services or external entities<sup>3</sup>. By creating an IAM user with administrator privileges, customers can avoid using the root user for everyday tasks and reduce the risk of accidental or malicious changes to the account<sup>1</sup>.

**QUESTION NO: 20**

Which tasks are customer responsibilities, according to the AWS shared responsibility model? (Select TWO.)

- A. Configure the AWS provided security group firewall.
- B. Classify company assets in the AWS Cloud.
- C. Determine which Availability Zones to use for Amazon S3 buckets.
- D. Patch or upgrade Amazon DynamoDB.
- E. Select Amazon EC2 instances to run AWS Lambda on.
- F. AWS Config

**ANSWER: A B****Explanation:**

According to the AWS shared responsibility model, the customer is responsible for security in the cloud, which includes the tasks of configuring the AWS provided security group firewall and classifying company assets in the AWS Cloud. A security group is a virtual firewall that controls the inbound and outbound traffic for one or more EC2 instances. The customer must configure the security group rules to allow or deny traffic based on protocol, port, or source and destination IP address<sup>2</sup>. Classifying company assets in the AWS Cloud means identifying the types, categories, and sensitivity levels of the data and resources that the customer stores and processes on AWS. The customer must also determine the applicable compliance requirements and regulations that apply to their assets, and implement the appropriate security controls and measures to protect them.