



AWS Certified Cloud Practitioner 66 Real Questions

AWS Certified Cloud Practitioner



The AWS Certified Cloud Practitioner certification confirms a fundamental and comprehensive comprehension of AWS Cloud, its services, and associated terminology. It serves as an excellent entry point for those embarking on the AWS Certification path, particularly individuals without prior IT or cloud experience transitioning into a cloud-oriented career. It is also beneficial for line-of-business professionals seeking a foundational understanding of cloud technology.

Exam Overview

Category	Foundational
Exam duration	90 minutes
Exam format	65 questions; either multiple-choice or multiple-response
Cost	100 USD
Test in-person or online	Pearson VUE testing center or online proctored exam
Languages Offered	English, Japanese, Korean, Simplified Chinese, Traditional Chinese, Bahasa (Indonesian), Spanish (Spain), Spanish (Latin America), French (France), German, Italian, and Portuguese (Brazil)



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Content outline

The exam has the following content domains and weightings:

- ☐ Domain 1: Cloud Concepts (24% of scored content)
- ☐ Domain 2: Security and Compliance (30% of scored content)
- ☐ Domain 3: Cloud Technology and Services (34% of scored content)
- ☐ Domain 4: Billing, Pricing, and Support (12% of scored content)

About The Author

I am **Gias Uddin** Boasting 12 years of dynamic experience as a senior software engineer, I have played pivotal roles in the realms of backend development and server deployment, assuming the challenging responsibilities of overseeing payroll systems and ensuring seamless DevOps practices. My proficiency extends to mastering cutting-edge tools and technologies, with a particular focus on the robust AWS ecosystem. I boast an extensive skill set encompassing AWS ECS, Lambda, ECR, Docker, ALB, and other AWS tools, enabling me to architect and implement scalable, secure, and high-performance solutions.

Beyond my role in code and deployments, I embrace the responsibilities of fatherhood. Additionally, I actively contribute to charitable endeavors, participating in blood donation drives and fundraising initiatives for orphan child education funds. You can contact Ben by visiting his website: <https://bio.link/giasuddi>



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Question 1: A company needs a storage solution for archiving log files generated by its application. The files must be durably stored and available for retrieval over time. Which AWS service is suitable for this use case?

- a) Amazon S3 Glacier
- b) Amazon EBS
- c) Amazon RDS
- d) Amazon DynamoDB

Answer: a) Amazon S3 Glacier

Explanation: Amazon S3 Glacier is a low-cost storage service designed for data archiving and long-term backup. It provides durable storage with retrieval options based on different access tiers, making it suitable for storing and archiving log files that may not be frequently accessed.

Question 2: An application needs a shared storage solution that can be mounted as a file system on multiple Amazon EC2 instances. Which AWS service is designed for this use case?

- a) Amazon S3
- b) Amazon EBS
- c) Amazon Elastic File System (EFS)
- d) Amazon Glacier



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Answer: c) Amazon Elastic File System (EFS)

Explanation: Amazon EFS is a scalable file storage service that can be mounted on multiple Amazon EC2 instances concurrently. It provides a shared file system, making it suitable for scenarios where multiple instances need to access shared data.

Question 3: A company wants to distribute content to users with low latency and high data transfer speeds. Which AWS service is designed to deliver content globally with the help of edge locations?

- a) Amazon S3
- b) Amazon CloudFront
- c) Amazon Route 53
- d) Amazon Elastic Load Balancer (ELB)

Answer: b) Amazon CloudFront

Explanation: Amazon CloudFront is a content delivery network (CDN) service that distributes content globally through a network of edge locations. It helps deliver content with low latency and high data transfer speeds by caching content at edge locations.

Question 4: A company is hosting a website on Amazon S3 and wants to ensure that only authorized users can download certain files. What should the company use to control access to the files?

- a) IAM roles
- b) Security Groups
- c) S3 bucket policies
- d) Amazon EC2 key pairs

Answer: c) S3 bucket policies



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Explanation: Amazon S3 bucket policies are used to control access to S3 buckets and their contents. By configuring bucket policies, the company can define who can access specific files, allowing for fine-grained access control.

Question 5: A company is developing a serverless application and needs a service to manage and process data from different sources, such as IoT devices and application logs. Which AWS service is suitable for this use case?

- a) AWS Lambda
- b) Amazon EC2
- c) Amazon RDS
- d) Amazon DynamoDB

Answer: a) AWS Lambda

Explanation: AWS Lambda is a serverless computing service that allows developers to run code in response to events without provisioning or managing servers. It is suitable for managing and processing data from different sources in a serverless architecture.

Question 6: Which option is a perspective that includes the foundational capabilities of the AWS Cloud Adoption Framework (AWS CAF)?

- a) Sustainability
- b) Performance Efficiency
- c) Governance
- d) Reliability

Answer: c) Governance

Explanation: The AWS CAF includes six perspectives: Business, People, Governance, Platform, Security, and Operations. The governance perspective focuses on defining and enforcing policies and controls to ensure compliance, security, and effective decision-making.



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Question 7: 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 EKS

Answer: c) AWS Fargate

Explanation: AWS Fargate is a serverless compute engine for containers that lets you run containers without managing the underlying infrastructure. It is compatible with both Amazon Elastic Container Service (ECS) and Amazon Elastic Kubernetes Service (EKS).

Question 8: A company wants to run a NoSQL database on Amazon EC2 instances. Which task is the responsibility of AWS in this scenario?

- a) Update the guest operating system of the EC2 instances.
- b) Maintain high availability at the database layer.
- c) Patch the physical infrastructure that hosts the EC2 instances.
- d) Configure the security group firewall.

Answer: c) Patch the physical infrastructure that hosts the EC2 instances.

Explanation: Patching the physical infrastructure that hosts EC2 instances is the responsibility of AWS. Customers are responsible for updating the guest operating system, maintaining high availability at the database layer, and configuring security groups.

Question 9: Which AWS services or tools can identify resizing opportunities for Amazon EC2 instances? (Choose two)

- a) AWS Cost Explorer
- b) AWS Building Conductor
- c) Amazon CodeGuru
- d) Amazon SageMaker

Answer: a) AWS Cost Explorer and e) AWS Compute Optimizer



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Explanation: AWS Cost Explorer provides insights into your AWS costs, including identifying resizing opportunities. AWS Compute Optimizer also analyzes resource utilization and recommends optimal instance types based on historical data.

Question 10: Which of the following are the benefits of using AWS Trusted Advisor? (Choose two)

- a) Providing high-performance container orchestration.
- b) Creating and rotating encryption keys.
- c) Detecting underutilized resources to save costs.
- d) Improving security by proactively monitoring the AWS environment.
- e) Implementing enforced tagging across resources.

Answer: c) Detecting underutilized resources to save costs and d) Improving security by proactively monitoring the AWS environment.

Explanation: AWS Trusted Advisor provides recommendations across various categories, including cost optimization and security. It helps detect underutilized resources, saves costs, and improves security by monitoring the AWS environment.

Question 11: Which of the following is an advantage that users experience when they move on-premises workloads to the AWS Cloud?

- a) Elimination of expenses for running and maintaining data centers.
- b) Price discounts identical to discounts from hardware providers.
- c) Distribution of all operational controls to AWS.
- d) Elimination of operational expenses.

Answer: a) Elimination of expenses for running and maintaining data centers.

Explanation: One of the advantages of moving on-premises workloads to the AWS Cloud is the elimination of expenses for running and maintaining data centers.

Question 12: A company wants to manage deployed IT services and govern its infrastructure as code templates. Which AWS service will meet this requirement?



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- a) AWS Resource Explorer
- b) AWS Service Catalog
- c) AWS Organizations
- d) AWS Systems Manager

Answer: b) AWS Service Catalog

Explanation: AWS Service Catalog lets you centrally manage your cloud resources to achieve governance at the scale of your infrastructure as code templates written in AWS CloudFormation or Terraform configurations.

Question 13: Which AWS service or tool helps users visualize, understand, and manage spending and usage over time?

- a) AWS Organizations
- b) AWS Pricing Calculator
- c) AWS Cost Explorer
- d) AWS Service Catalog

Answer: c) AWS Cost Explorer

Explanation: AWS Cost Explorer is a tool that allows users to visualize, understand, and manage AWS spending and usage over time. It provides an easy-to-use interface for cost analysis.

Question 14: A company is using a central data platform to manage multiple types of data for its customers. The company wants to use services to discover, transform, and visualize the data. Which combination of AWS services should the company use?

- a) AWS Glue and Amazon Elastic File System
- b) Amazon Redshift and Amazon QuickSight
- c) Amazon Quantum Ledger Database
- d) AWS DataSync and AWS CodeGuru

Answer: a) AWS Glue and b) Amazon QuickSight

Explanation: AWS Glue is a serverless data integration service for discovering, preparing, and integrating data. Amazon QuickSight is a business intelligence service for visualizing and understanding data.



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Question 15: A global company wants to migrate its third-party applications to the AWS Cloud. The company wants help from a global team of experts to complete the migration faster and more reliably, following AWS internal best practices. Which AWS service or resource will meet these requirements?

- a) AWS Support
- b) AWS Professional Services
- c) AWS Launch Wizard
- d) AWS Managed Services

Answer: b) AWS Professional Services

Explanation: AWS Professional Services, provided by the AWS Partner Network (APN) Consulting Partners, helps customers design, architect, build, migrate, and manage workloads and applications on AWS.

Question 16: An online gaming company needs to choose a purchasing option to run its Amazon EC2 instances for one year. The web traffic is consistent, and any traffic increases are predictable. The EC2 instances must be online and available without any disruption. Which EC2 instances purchasing option will meet these requirements most cost-effectively?

- a) Reserved Instances
- b) Dedicated Hosts
- c) Spot Instances
- d) On-Demand Instances

Answer: a) Reserved Instances

Explanation: Reserved Instances provide a significant discount compared to On-Demand pricing, and they offer a capacity reservation when used in a specific availability zone. This is suitable for consistent, predictable workloads.

Question 17: A developer wants to deploy an application quickly on AWS without manually creating the required resources. Which AWS service will meet these requirements?

- a) Amazon EC2
- b) AWS Elastic Beanstalk
- c) AWS CodeBuild
- d) Amazon Personalize



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Answer: b) AWS Elastic Beanstalk

Explanation: AWS Elastic Beanstalk allows developers to quickly deploy and manage applications in the AWS Cloud without dealing with the underlying infrastructure. It handles capacity provisioning, load balancing, scaling, and application health monitoring.

Question 18: The company is storing sensitive customer data in an Amazon S3 bucket. The company wants to protect the data from accidental deletion or overriding. Which S3 feature should the company use to meet these requirements?

- a) S3 Lifecycle Rules
- b) S3 Versioning
- c) S3 Bucket Policies
- d) S3 Server-Side Encryption

Answer: b) S3 Versioning

Explanation: S3 Versioning is a feature that preserves, retrieves, and restores every version of every object stored in an S3 bucket. It helps protect data from accidental deletion or override.

Question 19: Which AWS service allows users to deploy and manage applications in the AWS Cloud without having to learn about the AWS infrastructure?

- a) AWS Elastic Beanstalk
- b) Amazon EC2
- c) AWS CloudFormation
- d) Amazon RDS

Answer: a) AWS Elastic Beanstalk

Explanation: AWS Elastic Beanstalk abstracts the underlying infrastructure, allowing users to deploy and manage applications in the AWS Cloud without having to learn about the details of AWS infrastructure.

Question 20: A company is building a web application that requires a scalable and fully managed relational database service. The company wants to offload database administration tasks, such as hardware provisioning, database setup, patching, and backups. Which AWS service is appropriate for this use case?



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- a) Amazon DynamoDB
- b) Amazon RDS
- c) Amazon Redshift
- d) Amazon ElastiCache

Answer: b) Amazon RDS

Explanation: Amazon RDS (Relational Database Service) is a fully managed relational database service that offloads administrative tasks like hardware provisioning, database setup, patching, and backups, providing a scalable and reliable solution.

Question 21: Which of the following is a software development framework that a company can use to define Cloud resources as code and provision the resources through AWS CloudFormation?

- a) AWS CLI
- b) AWS Developer Center
- c) AWS Cloud Development Kit
- d) AWS Codar

Answer: c) AWS Cloud Development Kit

Explanation: AWS Cloud Development Kit (CDK) is a software development framework that enables developers to define infrastructure as code using familiar programming languages like TypeScript, Python, Java, and more. With CDK, you can define Cloud resources, relationships, and provisioning logic in your preferred programming language.

Question 22: A company is developing an application that uses multiple AWS services. The application needs to use temporary limited privilege credentials for authentication with other AWS APIs. Which AWS service or feature should the company use to meet these authentication requirements?

- a) Amazon API Gateway
- b) IAM Users
- c) AWS Security Token Service
- d) IAM Instance Profiles

Answer: c) AWS Security Token Service

Explanation: AWS provides AWS Security Token Service (STS), a web service that enables the company to request temporary, limited privilege credentials for users. This is useful for authentication with other AWS APIs.



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Question 23: Which AWS service is a cloud security posture management service that aggregates alerts from various AWS services and partner products in a standardized format?

- a) AWS Security Hub
- b) AWS Trusted Advisor
- c) Amazon EventBridge
- d) Amazon GuardDuty

Answer: a) AWS Security Hub

Explanation: AWS Security Hub is a cloud security posture management service that performs automated continuous security best practices checks against AWS resources. It aggregates security alerts in a standardized format, helping users identify misconfigurations and manage security alerts more effectively.

Question 24: Which AWS service is always provided at no charge?

- a) Amazon S3
- b) AWS Identity and Access Management (IAM)
- c) Elastic Load Balancers
- d) AWS Workspaces

Answer: b) AWS Identity and Access Management (IAM)

Explanation: IAM is a feature of your AWS account and is offered at no additional charge.

Question 25: To reduce costs, a company is planning to migrate a NoSQL database to a service that is fully managed and can automatically scale its capacity to meet database workload demands. Which service is suitable for this use case?

- a) Amazon Redshift
- b) Amazon Aurora
- c) Amazon DynamoDB
- d) Amazon RDS

Answer: c) Amazon DynamoDB



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Explanation: Amazon DynamoDB is a fully managed NoSQL database service that provides seamless scalability and automatic capacity scaling to meet database workload demands.

Question 26: A company is using Amazon DynamoDB. According to the shared responsibility model, which task is the company's responsibility?

- a) Patch the operating system
- b) Provision hosts
- c) Manage database access permissions
- d) Secure the operating system

Answer: c) Manage database access permissions

Explanation: In the shared responsibility model, managing database access permissions, such as controlling who can access the database, is the responsibility of the customer.

Question 27: A company has a test AWS environment and plans to test an application within AWS. Application testing can be interrupted and does not need to run continuously. Which Amazon EC2 purchasing option will meet the requirements most cost-effectively?

- a) On-Demand Instances
- b) Dedicated Instances
- c) Spot Instances
- d) Reserved Instances

Answer: c) Spot Instances

Explanation: Spot Instances are a cost-effective option for applications that can be interrupted and do not need to run continuously. They allow you to take advantage of unused EC2 capacity at a lower price.

Question 28: Which AWS service gives users the ability to discover and protect sensitive data stored in Amazon S3 buckets?

- a) Amazon Macie
- b) Amazon Detective
- c) Amazon GuardDuty



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d) AWS Identity and Access Analyzer

Answer: a) Amazon Macie

Explanation: Amazon Macie is a data security service that uses machine learning and pattern matching to discover and protect sensitive data stored in Amazon S3 buckets.

Question 29: Which of the following services can be used to block network traffic to an instance? Choose two.

- a) Security Groups
- b) Amazon Virtual Private Cloud (VPC) Flow Logs
- c) Network ACLs
- d) Amazon CloudWatch
- e) AWS CloudTrail

Answer: a) Security Groups and c) Network ACLs

Explanation: Security Groups and Network ACLs are used to control inbound and outbound traffic to instances. Security Groups operate at the instance level, while Network ACLs operate at the subnet level.

Question 30: Which AWS service can identify when an Amazon EC2 instance was terminated?

- a) AWS Identity and Access Management (IAM)
- b) AWS CloudTrail
- c) AWS Compute Optimizer
- d) Amazon EventBridge

Answer: b) AWS CloudTrail

Explanation: AWS CloudTrail is a service that records API activity in your AWS account, including the termination of EC2 instances. It provides an audit trail of actions taken on resources.

Question 31: Which of the following is a fully managed MySQL-compatible database?

- a) Amazon S3



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- b) Amazon DynamoDB
- c) Amazon Redshift
- d) Amazon Aurora

Answer: d) Amazon Aurora

Explanation: Amazon Aurora is a fully managed relational database service that is compatible with MySQL. It offers high availability, performance, and scalability while maintaining MySQL compatibility.

Question 32: Which AWS service supports a hybrid architecture, allowing users to extend AWS infrastructure to data centers, collocation environments, or on-premises facilities?

- a) AWS Snowmobile
- b) AWS Local Zones
- c) AWS Outposts
- d) AWS Fargate

Answer: c) AWS Outposts

Explanation: AWS Outposts enables users to run AWS infrastructure and services on premises while seamlessly connecting to the AWS Cloud. It extends the AWS ecosystem to on-premises locations.

Question 33: Which AWS service can run a managed PostgreSQL database that provides online transaction processing (OLTP)?

- a) Amazon DynamoDB
- b) Amazon Athena
- c) Amazon RDS
- d) Amazon EMR

Answer: c) Amazon RDS

Explanation: Amazon RDS supports various database engines, including PostgreSQL. It offers a managed database service suitable for OLTP workloads.



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Question 34: A company wants to provide managed Windows virtual desktops and applications to its remote employees over secure network connections. Which AWS services can the company use to meet these requirements? Choose two.

- a) Amazon Connect
- b) Amazon AppStream 2.0
- c) Amazon Workspaces
- d) Amazon S3

Answer: b) Amazon AppStream 2.0 and c) Amazon Workspaces

Explanation: Amazon AppStream 2.0 allows streaming desktop applications to users, while Amazon Workspaces provides fully managed desktops as a service.

Question 35: A company wants to monitor for misconfigured security groups that are allowing unrestricted access to specific ports. Which AWS service will meet this requirement?

- a) AWS Trusted Advisor
- b) Amazon CloudWatch
- c) Amazon GuardDuty
- d) AWS Health

Answer: a) AWS Trusted Advisor

Explanation: AWS Trusted Advisor includes a check for unrestricted access in security groups, helping identify misconfigurations.

Question 36: Which AWS service is a key-value database that provides sub-millisecond latency at a large scale?

- a) Amazon DynamoDB
- b) Amazon Aurora
- c) Amazon DocumentDB
- d) Amazon Neptune

Answer: a) Amazon DynamoDB



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Explanation: Amazon DynamoDB is a non-relational key-value database that delivers reliable performance at any scale with sub-millisecond latency.

Question 37: Which AWS services or features provide disaster recovery solutions for Amazon EC2 instances? Choose two.

- a) EC2 Reserved Instances
- b) EC2 Amazon Machine Images (AMIs)
- c) Amazon Elastic Block Store (EBS) snapshots
- d) AWS Shield
- e) Amazon GuardDuty

Answer: b) EC2 Amazon Machine Images (AMIs) and c) Amazon Elastic Block Store (EBS) snapshots

Explanation: Amazon Machine Images (AMIs) and EBS snapshots are used to create backups of EC2 instances and can be used for disaster recovery.

Question 38: Which AWS service provides command-line access to AWS tools and resources directly from a web browser?

- a) AWS CloudHSM
- b) AWS CloudShell
- c) Amazon Workspaces
- d) AWS CloudMap

Answer: b) AWS CloudShell

Explanation: AWS CloudShell is a browser-based shell that allows users to run scripts with the AWS Command Line Interface (CLI) and use other tools directly from a web browser.

Question 39: A network engineer needs to build a hybrid cloud architecture connecting on-premises networks to the AWS Cloud using AWS Direct Connect. Which AWS service or feature should the engineer use to simplify and scale connectivity as the number of VPCs increases?



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- a) VPC Endpoints
- b) AWS Transit Gateway
- c) Amazon Route 53
- d) AWS Secrets Manager

Answer: b) AWS Transit Gateway

Explanation: AWS Transit Gateway simplifies network connectivity and scales as the number of VPCs increases, acting as a central hub for connections.

Question 40: A company wants to establish a schedule for rotating database user credentials. Which AWS service will support this requirement with the least amount of operational overhead?

- a) AWS Systems Manager
- b) AWS Secrets Manager
- c) AWS License Manager
- d) AWS Managed Services

Answer: b) AWS Secrets Manager

Explanation: AWS Secrets Manager helps manage, retrieve, and rotate database credentials, API keys, and other secrets throughout their lifecycles.

Question 41: Which AWS service is used to provide encryption for Amazon EBS?

- a) AWS Certificate Manager
- b) AWS Systems Manager
- c) AWS Key Management Service (KMS)
- d) AWS Config

Answer: c) AWS Key Management Service (KMS)

Explanation: AWS Key Management Service (KMS) is used to create, manage, and control cryptographic keys, including providing encryption for Amazon EBS.

Question 42: A company wants to manage its AWS Cloud resources through a web interface. Which AWS service will meet these requirements?



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- a) AWS Management Console
- b) AWS CLI
- c) AWS CDK
- d) AWS Cloud9

Answer: a) AWS Management Console

Explanation: The AWS Management Console is a web application that provides a broad collection of service consoles for managing AWS resources.

Question 43: Which of the following are the advantages of the AWS Cloud? Choose two.

- a) Trade variable expenses for capital expenses
- b) High economy of scale
- c) Launch globally in minutes
- d) Focus on managing hardware infrastructure
- e) Over-provision to ensure capacity

Answer: b) High economy of scale and c) Launch globally in minutes

Explanation: AWS offers a high economy of scale, allowing users to access enterprise-grade infrastructure without significant upfront investment. Users can also launch globally in minutes, easily adjusting capacity based on demand.

Question 44: Which AWS Cloud benefit is shown by an architecture's ability to withstand failures with minimal downtime?

- a) Agility
- b) Elasticity
- c) Scalability
- d) High availability

Answer: d) High availability

Explanation: The ability of an architecture to withstand failures with minimal downtime is a characteristic of high availability.



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Question 45: 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 this requirement?

- a) AWS Ground Station
- b) AWS Shield
- c) AWS IoT Device Defender
- d) AWS CloudFormation

Answer: d) AWS CloudFormation

Explanation: AWS CloudFormation allows developers to model, provision, and manage AWS and third-party resources in a repeatable and automated way, treating infrastructure as code.

Question 46: Which task is the customer's responsibility according to the AWS shared responsibility model?

- a) Maintain the security of the AWS Cloud
- b) Configure firewalls and networks
- c) Patch the operating system of Amazon RDS instances
- d) Implement physical and environmental controls

Answer: b) Configure firewalls and networks

Explanation: According to the shared responsibility model, configuring firewalls and networks is the responsibility of the customer.

Question 47: Which AWS service helps deliver highly available applications with fast failure for multi-region and multi-AZ architectures?



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- a) AWS WAF
- b) AWS Global Accelerator
- c) AWS Shield
- d) AWS Direct Connect

Answer: b) AWS Global Accelerator

Explanation: AWS Global Accelerator helps deliver highly available applications with fast failure for multi-region and multi-AZ architectures.

Question 48: A company has a set of e-commerce applications. The applications need to send messages to each other. Which AWS service meets this requirement?

- a) AWS Auto Scaling
- b) Elastic Load Balancing
- c) Amazon Simple Queue Service (SQS)
- d) Amazon Kinesis Data Streams

Answer: c) Amazon Simple Queue Service (SQS)

Explanation: Amazon SQS is a fully managed message queuing service that enables applications to decouple and scale by sending messages to each other.

Question 49: What are the benefits of consolidated billing for AWS cloud services? Choose two.

- a) Volume discounts
- b) Minimal additional fee for use
- c) One bill for multiple accounts
- d) Installment payment options
- e) Custom cost usage budget creation



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Answer: a) Volume discounts and c) One bill for multiple accounts

Question 50: A company wants a fully managed Windows file server for its Windows-based applications. Which AWS service will meet these requirements?

- a) Amazon FSx
- b) Amazon Elastic Service
- c) Amazon Elastic Container Service
- d) Amazon EMR

Answer: a) Amazon FSx

Explanation: Amazon FSx provides fully managed file storage for Windows-based applications, making it suitable for the company's requirements.

Question 51: A company wants to migrate its NFS on-premises workload to AWS. Which AWS Storage Gateway type should the company use to meet this requirement?

- a) Tape Gateway
- b) Volume Gateway
- c) Amazon FSx File Gateway
- d) Amazon S3 File Gateway

Answer: d) Amazon S3 File Gateway

Explanation: Amazon S3 File Gateway is suitable for migrating NFS workloads to AWS, providing seamless connectivity to Amazon S3.

Question 52: A company needs to track the activity in its AWS accounts and know when an API call is made against its AWS resources. Which AWS tool or service can be used to meet these requirements?

- a) Amazon CloudWatch
- b) Amazon Inspector



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- c) AWS CloudTrail
- d) AWS IAM

Answer: c) AWS CloudTrail

Explanation: AWS CloudTrail is designed for auditing, security monitoring, and tracking user activity, including API usage.

Question 53: A company has an uninterruptible application that runs on Amazon EC2 instances, processing a backlog of files in an Amazon Simple Queue Service (SQS). What is the most cost-effective EC2 instance purchasing model to meet these requirements?

- a) Spot Instances
- b) On-Demand Instances
- c) Savings Plans
- d) Dedicated Hosts

Answer: c) Savings Plans

Explanation: Savings Plans offer a flexible pricing model with low prices for a commitment to a consistent amount of usage, making them cost-effective for the company's scenario.

Question 54: A company wants an AWS service to provide product recommendations based on its customers' data. Which AWS service will meet this requirement?

- a) Amazon Polly
- b) Amazon Personalize
- c) Amazon Comprehend
- d) Amazon Rekognition

Answer: b) Amazon Personalize

Explanation: Amazon Personalize is designed to provide personalized recommendations based on customer data.

Question 55: A company is planning its migration to the cloud using the AWS Cloud Adoption Framework (CAF) perspective. Which phase of the cloud transformation journey includes these identification activities?

- a) Envision
- b) Align



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- c) Scale
- d) Launch

Answer: b) Align

Explanation: The Align phase in the AWS Cloud Adoption Framework focuses on identifying capability gaps and surfacing stakeholder concerns and challenges.

Question 56: A social media company wants to protect its web application from common web exploits such as SQL injections and cross-site scripting. Which AWS service will meet these requirements?

- a) Amazon Inspector
- b) AWS WAF
- c) Amazon GuardDuty
- d) Amazon CloudWatch

Answer: b) AWS WAF

Explanation: AWS WAF (Web Application Firewall) helps protect web applications from various attacks, including SQL injections and cross-site scripting.

Question 57: Which fully managed AWS service assists with the creation, testing, and management of custom Amazon EC2 images?

- a) EC2 Image Builder
- b) Amazon Machine Image
- c) AWS Launch Wizard
- d) AWS Elastic Beanstalk

Answer: a) EC2 Image Builder

Explanation: EC2 Image Builder simplifies the creation, maintenance, and deployment of custom Amazon EC2 images.



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Question 58: A company wants to automate the process to continuously scan its Amazon EC2 instances for software vulnerabilities. Which AWS service will meet these requirements?

- a) Amazon CloudWatch
- b) Amazon Inspector
- c) Amazon Detective
- d) Amazon Cognito

Answer: b) Amazon Inspector

Explanation: Amazon Inspector is an automated vulnerability management service designed to scan EC2 instances for software vulnerabilities continually.

Question 59: A company needs to perform data processing once a week which typically takes about 5 hours to complete. Which AWS service should the company use for this workload?

- a) AWS Lambda
- b) Amazon EC2
- c) AWS CodeDeploy
- d) AWS Wavelength

Answer: b) Amazon EC2

Explanation: AWS Lambda has a maximum execution time of 15 minutes, making it unsuitable for a 5-hour data processing workload. Amazon EC2 provides scalable computing capacity suitable for longer-duration tasks.

Question 60: Which AWS service or feature provides log information on the inbound and outbound traffic on network interfaces in a VPC?

- a) Amazon CloudWatch Logs
- b) AWS CloudTrail
- c) VPC Flow Logs
- d) AWS Identity and Access Management

Answer: c) VPC Flow Logs

Explanation: VPC Flow Logs capture information about IP traffic in and out of network interfaces in a VPC.



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Question 61: A company wants to design a centralized storage system to manage configuration data and passwords for its critical business applications. Which AWS service or capability will meet this requirement most cost-effectively?

- a) AWS Systems Manager Parameter Store
- b) AWS Secrets Manager
- c) AWS Config
- d) Amazon S3

Answer: a) AWS Systems Manager Parameter Store

Explanation: AWS Systems Manager Parameter Store manages configuration data, including plain text data and secrets such as passwords.

Question 62: A company plans to deploy containers on AWS and wants full control of the compute resources that host the containers. Which AWS service will meet these requirements?

- a) Amazon Elastic Kubernetes Service
- b) AWS Fargate
- c) Amazon EC2
- d) Amazon Elastic Container Service

Answer: c) Amazon EC2

Explanation: Amazon EC2 provides scalable computing capacity with full control over virtual instances, making it suitable for hosting containers with manual orchestration or using container orchestration tools.

Question 63: Which service or feature allows users to create new accounts, group multiple accounts to organize workflows, and apply policies to groups of accounts?

- a) AWS Identity and Access Management
- b) AWS Trusted Advisor
- c) AWS CloudFormation
- d) AWS Organizations

Answer: d) AWS Organizations

Explanation: AWS Organizations allows the creation of new AWS accounts, grouping accounts, and applying governance policies.



AWS Certified Cloud Practitioner 66 Real Questions

Question 64: A company wants to store and retrieve files in Amazon S3 for its existing enterprise applications using industry-standard file system protocols. Which AWS service will meet these requirements?

- a) AWS DataSync
- b) AWS Snowball Edge
- c) Amazon S3 File Gateway
- d) AWS Transfer Family

Answer: c) Amazon S3 File Gateway

Explanation: Amazon S3 File Gateway provides seamless connectivity to Amazon S3 for storing and retrieving files using industry-standard file system protocols.

Question 65: A company wants to block SQL injection attacks. Which AWS service or feature should the company use to meet this requirement?

- a) AWS WAF
- b) Network ACLs
- c) Security Groups
- d) AWS Certificate Manager

Answer: a) AWS WAF

Explanation: AWS WAF is a web application firewall designed to protect against common web exploits, including SQL injection attacks.

Question 66: The company wants a unified tool to provide a consistent method to interact with AWS services. Which AWS service or tool will meet this requirement?

- a) AWS CLI
- b) Amazon Elastic Container Service
- c) AWS Cloud9
- d) AWS Virtual Private Network

Answer: a) AWS CLI

Explanation: AWS CLI (Command Line Interface) is a unified tool for managing AWS services, providing a consistent method for interaction and automation through scripts.