QUESTION NO: 1

Under the AWS shared responsibility model, which task is the customer’s responsibility when managing AWS Lambda functions?

A. Creating versions of Lambda functions

B. Maintaining server and operating systems

C. Scaling Lambda resources according to demand

D. Updating the Lambda runtime environment

QUESTION NO: 2

What does the AWS Concierge Support team provide?

A. A technical expert dedicated to the user

B. A primary point of contact for AWS Billing and AWS Support

C. A partner to help provide scaling guidance for an event launch

D. A dedicated AWS staff member who reviews the user’s application architecture

QUESTION NO: 3

A company needs to generate reports that can break down cloud costs by product, by company-defined tags, and by hour, day, and month.

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

A. Reserved Instance utilization and coverage reports

B. Savings Plans utilization reports

C. AWS Budgets reports

D. AWS Cost and Usage Reports

QUESTION NO: 4

A company has a serverless application that includes an Amazon API Gateway API, an AWS Lambda function, and an Amazon DynamoDB database.

Which AWS service can the company use to trace user requests as they move through the application's components?

A. AWS CloudTrail

B. Amazon CloudWatch

C. Amazon Inspector

D. AWS X-Ray

QUESTION NO: 5

A company needs to set up a petabyte-scale data warehouse in the AWS Cloud. Which AWS service will meet this requirement?

A. Amazon DynamoDB

B. Amazon RDS

C. Amazon Redshift

D. Amazon ElastiCache

QUESTION NO: 6

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 WAF

QUESTION NO: 7

A company needs to design an AWS disaster recovery plan to cover multiple geographic areas. Which action will meet this requirement?

A. Configure multiple AWS accounts.

B. Configure the architecture across multiple Availability Zones in an AWS Region.

C. Configure the architecture across multiple AWS Regions.

D. Configure the architecture among many edge locations.

QUESTION NO: 8

Which of the following is a benefit of moving from an on-premises data center to the AWS Cloud?

A. Compute instances can be launched and terminated as needed to optimize costs.

B. Compute costs can be viewed in the AWS Billing and Cost Management console.

C. Users retain full administrative access to their compute instances.

D. Users can optimize costs by permanently running enough instances at peak load.

QUESTION NO: 9

In which ways does the AWS Cloud offer lower total cost of ownership (TCO) of computing resources than on-premises data centers? (Choose two.)

A. AWS replaces upfront capital expenditures with pay-as-you-go costs.

B. AWS is designed for high availability which eliminates user downtime.

C. AWS eliminates the need for on-premises IT staff.

D. AWS uses economies of scale to continually reduce prices.

E. AWS offers a single pricing model for Amazon EC2 instances.

QUESTION NO: 10

Which AWS service monitors AWS accounts for security threats?

A. Amazon GuardDuty

B. AWS Secrets Manager

C. Amazon Cognito

D. AWS Certificate Manager (ACM)

QUESTION NO: 11

Which benefit is included with an AWS Enterprise Support plan?

A. AWS Partner Network (APN) support at no cost.

B. Designated support from an AWS technical account manager (TAM)

C. On-site support from AWS engineers

D. AWS managed compliance as code with AWS Config

QUESTION NO: 12

Which task does AWS perform automatically?

A. Encrypt data that is stored in Amazon DynamoDB.

B. Patch Amazon EC2 instances.

C. Encrypt user network traffic.

D. Create TLS certificates for users’ websites.

QUESTION NO: 13

Which AWS service or tool can a company use to visualize, understand, and manage AWS spending and usage over time?

A. AWS Trusted Advisor

B. Amazon CloudWatch

C. Cost Explorer

D. AWS Budgets

QUESTION NO: 14

A company wants to deploy some of its resources in the AWS Cloud. To meet regulatory requirements, the data must remain local and on premises. There must be low latency between AWS and the company resources.

Which AWS service or feature can be used to meet these requirements?

A. AWS Local Zones

B. Availability Zones

C. AWS Outposts

D. AWS Wavelength Zones

QUESTION NO: 15

A company requires an isolated environment within AWS for security purposes. Which action can be taken to accomplish this?

A. Create a separate Availability Zone to host the resources.

B. Create a separate VPC to host the resources.

C. Create a placement group to host the resources.

D. Create an AWS Direct Connect connection between the company and AWS.

QUESTION NO: 16

Which AWS service is a highly available and scalable DNS web service?

A. Amazon VPC

B. Amazon CloudFront

C. Amazon Route 53

D. Amazon Connect

QUESTION NO: 17

Which of the following is an AWS best practice for managing an AWS account root user?

A. Keep the root user password with the security team.

B. Enable multi-factor authentication (MFA) for the root user.

C. Create an access key for the root user.

D. Keep the root user password consistent for compliance purposes.

QUESTION NO: 18

A company wants to improve its security and audit posture by limiting Amazon EC2 inbound access.

What should the company use to access instances remotely instead of opening inbound SSH ports and managing SSH keys?

A. EC2 key pairs

B. AWS Systems Manager Session Manager

C. AWS Identity and Access Management (IAM)

D. Network ACLs

QUESTION NO: 19

After selecting an Amazon EC2 Dedicated Host reservation, which pricing option would provide the largest discount?

A. No upfront payment

B. Hourly on-demand payment

C. Partial upfront payment

D. All upfront payment

QUESTION NO: 20

A company would like to host its MySQL databases on AWS and maintain full control over the operating system, database installation, and configuration.

Which AWS service should the company use to host the databases?

A. Amazon RDS

B. Amazon EC2

C. Amazon DynamoDB

D. Amazon Aurora

QUESTION NO: 21

How does the AWS global infrastructure offer high availability and fault tolerance to its users?

A. The AWS infrastructure is made up of multiple AWS Regions within various Availability Zones located in areas that have low flood risk, and are interconnected with low-latency networks and redundant power supplies.

B. The AWS infrastructure consists of subnets containing various Availability Zones with multiple data centers located in the same geographic location.

C. AWS allows users to choose AWS Regions and data centers so that users can select the closest data centers in different Regions.

D. The AWS infrastructure consists of isolated AWS Regions with independent Availability Zones that are connected with low-latency networking and redundant power supplies.

QUESTION NO: 22

A company is using Amazon EC2 Auto Scaling to scale its Amazon EC2 instances. Which benefit of the AWS Cloud does this example illustrate?

A. High availability

B. Elasticity

C. Reliability

D. Global reach

QUESTION NO: 23

Which AWS service or feature is used to send both text and email messages from distributed applications?

A. Amazon Simple Notification Service (Amazon SNS)

B. Amazon Simple Email Service (Amazon SES)

C. Amazon CloudWatch alerts

D. Amazon Simple Queue Service (Amazon SQS)

QUESTION NO: 24

A user is able to set up a master payer account to view consolidated billing reports through:

A. AWS Budgets.

B. Amazon Macie.

C. Amazon QuickSight.

D. AWS Organizations.

QUESTION NO: 25

According to the AWS shared responsibility model, which task is the customer's responsibility?

A. Maintaining the infrastructure needed to run AWS Lambda

B. Updating the operating system of Amazon DynamoDB instances

C. Maintaining Amazon S3 infrastructure

D. Updating the guest operating system on Amazon EC2 instances

QUESTION NO: 26

A company wants to migrate a small website and database quickly from on-premises infrastructure to the AWS Cloud. The company has limited operational knowledge to perform the migration.

Which AWS service supports this use case?

A. Amazon EC2

B. Amazon Lightsail

C. Amazon S3

D. AWS Lambda

QUESTION NO: 27

Which design principle is achieved by following the reliability pillar of the AWS Well-Architected Framework?

A. Vertical scaling

B. Manual failure recovery

C. Testing recovery procedures

D. Changing infrastructure manually

QUESTION NO: 28

A user needs to quickly deploy a non-relational database on AWS. The user does not want to manage the underlying hardware or the database software.

Which AWS service can be used to accomplish this?

A. Amazon RDS

B. Amazon DynamoDB

C. Amazon Aurora

D. Amazon Redshift

QUESTION NO: 29

Which task is an AWS responsibility when a workload is running in Amazon RDS?

A. Creating the database table

B. Updating the database schema

C. Installing the database engine

D. Dropping the database records

QUESTION NO: 30

A development team wants to publish and manage web services that provide REST APIs. Which AWS service will meet this requirement?

A. AWS App Mesh

B. Amazon API Gateway

C. Amazon CloudFront

D. AWS Cloud Map

QUESTION NO: 31

A company has a social media platform in which users upload and share photos with other users. The company wants to identify and remove inappropriate photos. The company has no machine learning (ML) scientists and must build this detection capability with no ML expertise.

Which AWS service should the company use to build this capability?

A. Amazon SageMaker

B. Amazon Textract

C. Amazon Rekognition

D. Amazon Comprehend

QUESTION NO: 32

Which responsibility belongs to AWS when a company hosts its databases on Amazon EC2 instances?

A. Database backups

B. Database software patches

C. Operating system patches

D. Operating system installations.

QUESTION NO: 33

A company wants to use Amazon S3 to store its legacy data. The data is rarely accessed. However, the data is critical and cannot be recreated. The data needs to be available for retrieval within seconds.

Which S3 storage class meets these requirements MOST cost-effectively?

A. S3 Standard

B. S3 One Zone-Infrequent Access (S3 One Zone-IA)

C. S3 Standard-Infrequent Access (S3 Standard-IA)

D. S3 Glacier

QUESTION NO: 34

An online retail company wants to migrate its on-premises workload to AWS. The company needs to automatically handle a seasonal workload increase in a cost-effective manner.

Which AWS Cloud features will help the company meet this requirement? (Choose two.)

A. Cross-Region workload deployment

B. Pay-as-you-go pricing

C. Built-in AWS CloudTrail audit capabilities

D. Auto Scaling policies

E. Centralized logging

QUESTION NO: 35

Which AWS service helps developers use loose coupling and reliable messaging between microservices?

A. Elastic Load Balancing

B. Amazon Simple Notification Service (Amazon SNS)

C. Amazon CloudFront

D. Amazon Simple Queue Service (Amazon SQS)

QUESTION NO: 36

A company needs to build an application that uses AWS services. The application will be delivered to residents in European Counties. The company must abide by regional regulatory requirements.

Which AWS service or program should the company use to determine which AWS services meet the regional requirements?

A. AWS Audit Manager

B. AWS Shield

C. AWS Compliance Program

D. AWS Artifact

QUESTION NO: 37

A company needs to implement identity management for a fleet of mobile apps that are running in the AWS Cloud.

Which AWS service will meet this requirement?

A. Amazon Cognito

B. AWS Security Hub

C. AWS Shield

D. AWS WAF

QUESTION NO: 38

A company needs an Amazon EC2 instance for a rightsized database server that must run constantly for 1 year.

Which EC2 instance purchasing option will meet these requirements MOST cost-effectively?

A. Standard Reserved Instance

B. Convertible Reserved Instance

C. On-Demand Instance

D. Spot Instance

QUESTION NO: 39

A company has multiple applications and is now building a new multi-tier application. The company will host the new application on Amazon EC2 instances. The company wants the network routing and traffic between the various applications to follow the security principle of least privilege.

Which AWS service or feature should the company use to enforce this principle?

A. Security groups

B. AWS Shield

C. AWS Global Accelerator

D. AWS Direct Connect gateway

QUESTION NO: 40

A company's web application requires AWS credentials and authorizations to use an AWS service. Which IAM entity should the company use as best practice?

A. IAM role

B. IAM user

C. IAM group

D. IAM multi-factor authentication (MFA)

QUESTION NO: 41

A company is creating a document that defines the operating system patch routine for all the company’s systems.

Which AWS resources should the company include in this document? (Choose two.)

A. Amazon EC2 instances

B. AWS Lambda functions

C. AWS Fargate tasks

D. Amazon RDS instances

E. Amazon Elastic Container Service (Amazon ECS) instances

QUESTION NO: 42

Which AWS service or feature gives a company the ability to control incoming traffic and outgoing traffic for Amazon EC2 instances?

A. Security groups

B. Amazon Route 53

C. AWS Direct Connect

D. Amazon VPC

QUESTION NO: 43

A company is starting to build its infrastructure in the AWS Cloud. The company wants access to technical support during business hours. The company also wants general architectural guidance as teams build and test new applications.

Which AWS Support plan will meet these requirements at the LOWEST cost?

A. AWS Basic Support

B. AWS Developer Support

C. AWS Business Support

D. AWS Enterprise Support

QUESTION NO: 44

A company is migrating its public website to AWS. The company wants to host the domain name for the website on AWS.

Which AWS service should the company use to meet this requirement?

A. AWS Lambda

B. Amazon Route 53

C. Amazon CloudFront

D. AWS Direct Connect

QUESTION NO: 45

A company needs to evaluate its AWS environment and provide best practice recommendations in five categories cost, performance, service limits, fault tolerance, and security.

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

A. AWS Shield

B. AWS WAF

C. AWS Trusted Advisor

D. AWS Service Catalog

QUESTION NO: 46

Which AWS service provides the capability to view end-to-end performance metrics and troubleshoot distributed applications?

A. AWS Cloud9

B. AWS CodeStar

C. AWS Cloud Map

D. AWS X-Ray

QUESTION NO: 47

Which cloud computing benefit does AWS demonstrate with its ability to offer lower variable costs as a result of high purchase volumes?

A. Pay-as-you-go pricing

B. High availability

C. Global reach

D. Economies of scale

QUESTION NO: 48

Which AWS service provides threat detection by monitoring for malicious activities and unauthorized actions to protect AWS accounts, workloads, and data that is stored in Amazon S3?

A. AWS Shield

B. AWS Firewall Manager

C. Amazon GuardDuty

D. Amazon Inspector

QUESTION NO: 49

Which AWS service can a company use to store and manage Docker images?

A. Amazon DynamoDB

B. Amazon Kinesis Data Streams

C. Amazon Elastic Container Registry (Amazon ECR)

D. Amazon Elastic File System (Amazon EFS)

QUESTION NO: 50

A company needs an automated security assessment report that will identify unintended network access to Amazon EC2 instances. The report also must identify operating system vulnerabilities on those instances.

Which AWS service or feature should the company use to meet this requirement?

A. AWS Trusted Advisor

B. Security groups

C. Amazon Macie

D. Amazon Inspector

QUESTION NO: 51

A global company is building a simple time-tracking mobile app. The app needs to operate globally and must store collected data in a database. Data must be accessible from the AWS Region that is closest to the user.

What should the company do to meet these data storage requirements with the LEAST amount of operational overhead?

A. Use Amazon EC2 in multiple Regions to host separate databases

B. Use Amazon RDS cross-Region replication

C. Use Amazon DynamoDB global tables

D. Use AWS Database Migration Service (AWS DMS)

QUESTION NO: 52

Which of the following are economic advantages of the AWS Cloud? (Choose two.)

A. Increased workforce productivity

B. Decreased need to encrypt user data

C. Manual compliance audits

D. Simplified total cost of ownership (TCO) accounting

E. Faster product launches

QUESTION NO: 53

Which controls does the customer fully inherit from AWS in the AWS shared responsibility model?

A. Patch management controls

B. Awareness and training controls

C. Physical and environmental controls

D. Configuration management controls

QUESTION NO: 54

Which task is a customer's responsibility, according to the AWS shared responsibility model?

A. Management of the guest operating systems

B. Maintenance of the configuration of infrastructure devices

C. Management of the host operating systems and virtualization

D. Maintenance of the software that powers Availability Zones

QUESTION NO: 55

A company needs to deliver new website features quickly in an iterative manner to minimize the time to market.

Which AWS Cloud concept does this requirement represent?

A. Reliability

B. Elasticity

C. Agility

D. High availability

QUESTION NO: 56

A company wants to increase its ability to recover its infrastructure in the case of a natural disaster. Which pillar of the AWS Well-Architected Framework does this ability represent?

A. Cost optimization

B. Performance efficiency

C. Reliability

D. Security

QUESTION NO: 57

Which AWS service tracks API calls and user activity?

A. AWS Organizations

B. AWS Config

C. Amazon CloudWatch

D. AWS CloudTrail

QUESTION NO: 58

Which AWS service, feature, or tool uses machine learning to continuously monitor cost and usage for unusual cloud spending?

A. Amazon Lookout for Metrics

B. AWS Budgets

C. Amazon CloudWatch

D. AWS Cost Anomaly Detection

QUESTION NO: 59

A company deployed an application on an Amazon EC2 instance. The application ran as expected for 6 months in the past week, users have reported latency issues. A system administrator found that the CPU utilization was at 100% during business hours. The company wants a scalable solution to meet demand.

Which AWS service or feature should the company use to handle the load for its application during periods of high demand?

A. Auto Scaling groups

B. AWS Global Accelerator

C. Amazon Route 53

D. An Elastic IP address

QUESTION NO: 60

A company wants to migrate to AWS and use the same security software it uses on premises. The security software vendor offers its security software as a service on AWS.

Where can the company purchase the security solution?

A. AWS Partner Solutions Finder

B. AWS Support Center

C. AWS Management Console

D. AWS Marketplace

QUESTION NO: 61

A company is generating large sets of critical data in its on-premises data center. The company needs to securely transfer the data to AWS for processing. These transfers must occur daily over a dedicated connection.

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

A. AWS Backup

B. AWS DataSync

C. AWS Direct Connect

D. AWS Snowball

QUESTION NO: 62

A company wants to run production workloads on AWS. The company wants access to technical support from engineers 24 hours a day, 7 days a week. The company also wants access to the AWS Health API and contextual architectural guidance for business use cases. The company has a strong IT support team and does not need concierge support.

Which AWS Support plan will meet these requirements at the LOWEST cost?

A. AWS Basic Support

B. AWS Developer Support

C. AWS Business Support

D. AWS Enterprise Support

QUESTION NO: 63

Which of the following is a managed AWS service that is used specifically for extract, transform, and load (ETL) data?

A. Amazon Athena

B. AWS Glue

C. Amazon S3

D. AWS Snowball Edge

QUESTION NO: 64

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

QUESTION NO: 65

Which of the following are shared controls that apply to both AWS and the customer, according to the AWS shared responsibility model? (Choose two.)

A. Resource configuration management

B. Network data integrity

C. Employee awareness and training

D. Physical and environmental security

E. Replacement and disposal of disk drives