vce trainer



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AWS Certified Cloud Practitioner (CLF-C01)

Version 4.0

Score: 800/1000

Version:

Time Limit: 120 Minutes


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# Exam A (296 questions)

## *Question 1*

What function do security groups serve related to Amazon Elastic Compute Cloud (Amazon EC2) instance security?

- ☐ Act as a virtual firewall for the Amazon EC2 instance.
- ☐ Secure AWS user accounts with AWS Identity and Access Management (IAM) policies.
- ☐ Provide DDoS protection with AWS Shield.
- ☐ Use Amazon CloudFront to protect the Amazon EC2 instance.

## *Question 2*

What helps a company provide a lower latency experience to its users globally?

- ☐ Using an AWS Region that is central to all users
- ☐ Using a second Availability Zone in the AWS Region that is using used
- ☐ Enabling caching in the AWS Region that is being used
- ☐ Using edge locations to put content closer to all users

## *Question 3*

An administrator needs to rapidly deploy a popular IT solution and start using it immediately.

Where can the administrator find assistance?

- ☐ AWS Well-Architected Framework documentation
- ☐ Amazon CloudFront
- ☐ AWS CodeCommit
- ☐ AWS Quick Start reference deployments

## *Question 4*

Which services manage and automate application deployments on AWS? (Choose two.)

- ☐ AWS Elastic Beanstalk
- ☐ AWS CodeCommit
- ☐ AWS Data Pipeline
- ☐ AWS CloudFormation
- ☐ AWS Config


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## Question 5

AWS CloudFormation is designed to help the user:

- ☐ model and provision resources.
- ☐ update application code.
- ☐ set up data lakes.
- ☐ create reports for billing.

## Question 6

Which of the following security-related actions are available at no cost?

- ☐ Calling AWS Support
- ☐ Contacting AWS Professional Services to request a workshop
- ☐ Accessing forums, blogs, and whitepapers
- ☐ Attending AWS classes at a local university

## Question 7

Which AWS service allows companies to connect an Amazon VPC to an on-premises data center?

- ☐ AWS VPN
- ☐ Amazon Redshift
- ☐ API Gateway
- ☐ Amazon Direct Connect

## Question 8

A Cloud Practitioner needs to store data for 7 years to meet regulatory requirements.

Which AWS service will meet this requirement at the LOWEST cost?

- ☐ Amazon S3
- ☐ AWS Snowball
- ☐ Amazon Redshift
- ☐ Amazon S3 Glacier

## Question 9

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

- ☐ AWS Certificate Manager
- ☐ AWS Systems Manager
- ☐ AWS KMS
- ☐ AWS Config


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## Question 10

Which of the following BEST describe the AWS pricing model? (Choose two.)

- ☐ Fixed-term
- ☐ Pay-as-you-go
- ☐ Colocation
- ☐ Planned
- ☐ Variable cost

## Question 11

Where can AWS compliance and certification reports be downloaded?

- ☐ AWS Artifact
- ☐ AWS Concierge
- ☐ AWS Certificate Manager
- ☐ AWS Trusted Advisor

## Question 12

Which is the minimum AWS Support plan that includes Infrastructure Event Management without additional costs?

- ☐ Enterprise
- ☐ Business
- ☐ Developer
- ☐ Basic

## Question 13

What time-savings advantage is offered with the use of Amazon Rekognition?

- ☐ Amazon Rekognition provides automatic watermarking of images.
- ☐ Amazon Rekognition provides automatic detection of objects appearing in pictures.
- ☐ Amazon Rekognition provides the ability to resize millions of images automatically.
- ☐ Amazon Rekognition uses Amazon Mechanical Turk to allow humans to bid on object detection jobs.


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## Question 14

A Cloud Practitioner must determine if any security groups in an AWS account have been provisioned to allow unrestricted access for specific ports.

What is the SIMPLEST way to do this?

- ☐ Review the inbound rules for each security group in the Amazon EC2 management console to check for port 0.0.0.0/0.
- ☐ Run AWS Trusted Advisor and review the findings.
- ☐ Open the AWS IAM console and check the inbound rule filters for open access.
- ☐ In AWS Config, create a custom rule that invokes an AWS Lambda function to review rules for inbound access.

## Question 15

A company is designing an application hosted in a single AWS Region serving end-users spread across the world. The company wants to provide the end-users low latency access to the application data.

Which of the following services will help fulfill this requirement?

- ☐ Amazon CloudFront
- ☐ AWS Direct Connect
- ☐ Amazon Route 53 global DNS
- ☐ Amazon Simple Storage Service (Amazon S3) transfer acceleration

## Question 16

Which scenarios represent the concept of elasticity on AWS? (Choose two.)

- ☐ Scaling the number of Amazon EC2 instances based on traffic.
- ☐ Resizing Amazon RDS instances as business needs change.
- ☐ Automatically directing traffic to less-utilized Amazon EC2 instances.
- ☐ Using AWS compliance documents to accelerate the compliance process.
- ☐ Having the ability to create and govern environments using code.

## Question 17

A Cloud Practitioner is asked how to estimate the cost of using a new application on AWS.

What is the MOST appropriate response?

- ☐ Inform the user that AWS pricing allows for on-demand pricing.
- ☐ Direct the user to the AWS Simple Monthly Calculator for an estimate.
- ☐ Use Amazon QuickSight to analyze current spending on-premises.
- ☐ Use Amazon AppStream 2.0 for real-time pricing analytics.


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## Question 18

Which load balancer types are available with Elastic Load Balancing (ELB)? (Choose two.)

- ☐ Public load balancers with AWS Application Auto Scaling capabilities
- ☐ F5 Big-IP and Citrix NetScaler load balancers
- ☐ Classic Load Balancers
- ☐ Cross-zone load balancers with public and private IPs
- ☐ Application Load Balancers

## Question 19

Which of the following allows users to provision a dedicated network connection from their internal network to AWS?

- ☐ AWS CloudHSM
- ☐ AWS Direct Connect
- ☐ AWS VPN
- ☐ Amazon Connect

## Question 20

Which AWS service provides alerts when an AWS event may impact a company's AWS resources?

- ☐ AWS Personal Health Dashboard
- ☐ AWS Service Health Dashboard
- ☐ AWS Trusted Advisor
- ☐ AWS Infrastructure Event Management

## Question 21

What exclusive benefit is provided to users with Enterprise Support?

- ☐ Access to a Technical Project Manager
- ☐ Access to a Technical Account Manager
- ☐ Access to a Cloud Support Engineer
- ☐ Access to a Solutions Architect

## Question 22

Which of the following is an AWS managed Domain Name System (DNS) web service?

- ☐ Amazon Route 53
- ☐ Amazon Neptune
- ☐ Amazon SageMaker
- ☐ Amazon Lightsail


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## Question 23

Which services can be used across hybrid AWS Cloud architectures? (Choose two.)

- ☐ Amazon Route 53
- ☐ Virtual Private Gateway
- ☐ Classic Load Balancer
- ☐ Auto Scaling
- ☐ Amazon CloudWatch default metrics

## Question 24

If each department within a company has its own AWS account, what is one way to enable consolidated billing?

- ☐ Use AWS Budgets on each account to pay only to budget.
- ☐ Contact AWS Support for a monthly bill.
- ☐ Create an AWS Organization from the payer account and invite the other accounts to join.
- ☐ Put all invoices into one Amazon Simple Storage Service (Amazon S3) bucket, load data into Amazon Redshift, and then run a billing report.

## Question 25

Which of the following services provides on-demand access to AWS compliance reports?

- ☐ AWS IAM
- ☐ AWS Artifact
- ☐ Amazon GuardDuty
- ☐ AWS KMS

## Question 26

Which of the following security measures protect access to an AWS account? (Choose two.)

- ☐ Enable AWS CloudTrail.
- ☐ Grant least privilege access to IAM users.
- ☐ Create one IAM user and share with many developers and users.
- ☐ Enable Amazon CloudFront.
- ☐ Activate multi-factor authentication (MFA) for privileged users.


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## Question 27

Which statement best describes Elastic Load Balancing?

- ☐ It translates a domain name into an IP address using DNS.
- ☐ It distributes incoming application traffic across one or more Amazon EC2 instances.
- ☐ It collects metrics on connected Amazon EC2 instances.
- ☐ It automatically adjusts the number of Amazon EC2 instances to support incoming traffic.

## Question 28

What is a responsibility of AWS in the shared responsibility model?

- ☐ Updating the network ACLs to block traffic to vulnerable ports.
- ☐ Patching operating systems running on Amazon EC2 instances.
- ☐ Updating the firmware on the underlying EC2 hosts.
- ☐ Updating the security group rules to block traffic to the vulnerable ports.

## Question 29

Which AWS services provide a way to extend an on-premises architecture to the AWS Cloud? (Choose two.)

- ☐ Amazon EBS
- ☐ AWS Direct Connect
- ☐ Amazon CloudFront
- ☐ AWS Storage Gateway
- ☐ Amazon Connect

## Question 30

A company is considering using AWS for a self-hosted database that requires a nightly shutdown for maintenance and cost-saving purposes.

Which service should the company use?

- ☐ Amazon Redshift
- ☐ Amazon DynamoDB
- ☐ Amazon Elastic Compute Cloud (Amazon EC2) with Amazon EC2 instance store
- ☐ Amazon EC2 with Amazon Elastic Block Store (Amazon EBS)


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## Question 31

Which AWS service allows users to identify the changes made to a resource over time?

- ☐ Amazon Inspector
- ☐ AWS Config
- ☐ AWS Service Catalog
- ☐ AWS IAM

## Question 32

What is an AWS Cloud design best practice?

- ☐ Tight coupling of components
- ☐ Single point of failure
- ☐ High availability
- ☐ Overprovisioning of resources

## Question 33

One of the advantages to moving infrastructure from an on-premises data center to the AWS Cloud is:

- ☐ it allows the business to eliminate IT bills.
- ☐ it allows the business to put a server in each customer's data center.
- ☐ it allows the business to focus on business activities.
- ☐ it allows the business to leave servers unpatched.

## Question 34

According to the AWS shared responsibility model, what is the sole responsibility of AWS?

- ☐ Application security
- ☐ Edge location management
- ☐ Patch management
- ☐ Client-side data

## Question 35

Which of the following steps should be taken by a customer when conducting penetration testing on AWS?

- ☐ Conduct penetration testing using Amazon Inspector, and then notify AWS support.
- ☐ Request and wait for approval from the customer's internal security team, and then conduct testing.
- ☐ Notify AWS support, and then conduct testing immediately.
- ☐ Request and wait for approval from AWS support, and then conduct testing.


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## Question 36

Which AWS service can be used to manually launch instances based on resource requirements?

- ☐ Amazon EBS
- ☐ Amazon S3
- ☐ Amazon EC2
- ☐ Amazon ECS

## Question 37

Which of the following is an AWS database service?

- ☐ Amazon Redshift
- ☐ Amazon Elastic Block Store (Amazon EBS)
- ☐ Amazon S3 Glacier
- ☐ AWS Snowball

## Question 38

What is an example of high availability in the AWS Cloud?

- ☐ Consulting AWS technical support at any time day or night
- ☐ Ensuring an application remains accessible, even if a resource fails
- ☐ Making any AWS service available for use by paying on demand
- ☐ Deploying in any part of the world using AWS Regions

## Question 39

Which of the following is an important architectural design principle when designing cloud applications?

- ☐ Use multiple Availability Zones.
- ☐ Use tightly coupled components.
- ☐ Use open source software.
- ☐ Provision extra capacity.

## Question 40

What is the value of using third-party software from AWS Marketplace instead of installing third-party software on Amazon EC2? (Choose two.)

- ☐ Users pay for software by the hour or month depending on licensing.
- ☐ AWS Marketplace enables the user to launch applications with 1-Click.
- ☐ AWS Marketplace data encryption is managed by a third-party vendor.
- ☐ AWS Marketplace eliminates the need to upgrade to newer software versions.
- ☐ Users can deploy third-party software without testing.


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## Question 41

Which feature of the AWS Cloud will support an international company's requirement for low latency to all of its customers?

- ☐ Fault tolerance
- ☐ Global reach
- ☐ Pay-as-you-go pricing
- ☐ High availability

## Question 42

What are the benefits of developing and running a new application in the AWS Cloud compared to on-premises? (Choose two.)

- ☐ AWS automatically distributes the data globally for higher durability.
- ☐ AWS will take care of operating the application.
- ☐ AWS makes it easy to architect for high availability.
- ☐ AWS can easily accommodate application demand changes.
- ☐ AWS takes care application security patching.

## Question 43

What is an AWS Identity and Access Management (IAM) role?

- ☐ A user associated with an AWS resource
- ☐ A group associated with an AWS resource
- ☐ An entity that defines a set of permissions for use with an AWS resource
- ☐ An authentication credential associated with a multi-factor authentication (MFA) token

## Question 44

Which is the MINIMUM AWS Support plan that provides technical support through phone calls?

- ☐ Enterprise
- ☐ Business
- ☐ Developer
- ☐ Basic


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## Question 45

Which of the following are valid ways for a customer to interact with AWS services? (Choose two.)

- ☐ Command line interface
- ☐ On-premises
- ☐ Software Development Kits
- ☐ Software-as-a-service
- ☐ Hybrid

## Question 46

When comparing AWS Cloud with on-premises Total Cost of Ownership, which expenses must be considered? (Choose two.)

- ☐ Software development
- ☐ Project management
- ☐ Storage hardware
- ☐ Physical servers
- ☐ Antivirus software license

## Question 47

Which AWS hybrid storage service enables your on-premises applications to seamlessly use AWS Cloud storage through standard file-storage protocols?

- ☐ AWS Direct Connect
- ☐ AWS Snowball
- ☐ AWS Storage Gateway
- ☐ AWS Snowball Edge

## Question 48

Which AWS service enables users to consolidate billing across multiple accounts?

- ☐ Amazon QuickSight
- ☐ AWS Organizations
- ☐ AWS Budgets
- ☐ Amazon Forecast


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## Question 49

A customer would like to design and build a new workload on AWS Cloud but does not have the AWS-related software technical expertise in-house.

Which of the following AWS programs can a customer take advantage of to achieve that outcome?

- ☐ AWS Partner Network Technology Partners
- ☐ AWS Marketplace
- ☐ AWS Partner Network Consulting Partners
- ☐ AWS Service Catalog

## Question 50

According to best practices, how should an application be designed to run in the AWS Cloud?

- ☐ Use tighly coupled components.
- ☐ Use loosely coupled components.
- ☐ Use infrequently coupled components.
- ☐ Use frequently coupled components.

## Question 51

What is Amazon CloudWatch?

- ☐ A code repository with customizable build and team commit features.
- ☐ A metrics repository with customizable notification thresholds and channels.
- ☐ A security configuration repository with threat analytics.
- ☐ A rule repository of a web application firewall with automated vulnerability prevention features.

## Question 52

Which of the following is a component of the shared responsibility model managed entirely by AWS?

- ☐ Patching operating system software
- ☐ Encrypting data
- ☐ Enforcing multi-factor authentication
- ☐ Auditing physical data center assets


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## Question 53

Which of the following Amazon EC2 pricing models allow customers to use existing server-bound software licenses?

- ☐ Spot Instances
- ☐ Reserved Instances
- ☐ Dedicated Hosts
- ☐ On-Demand Instances

## Question 54

Which AWS service provides a secure, fast, and cost-effective way to migrate or transport exabyte-scale datasets into AWS?

- ☐ AWS Batch
- ☐ AWS Snowball
- ☐ AWS Migration Hub
- ☐ AWS Snowmobile

## Question 55

Which AWS service is a content delivery network that securely delivers data, video, and applications to users globally with low latency and high speeds?

- ☐ AWS CloudFormation
- ☐ AWS Direct Connect
- ☐ Amazon CloudFront
- ☐ Amazon Pinpoint

## Question 56

What is AWS Trusted Advisor?

- ☐ It is an AWS staff member who provides recommendations and best practices on how to use AWS.
- ☐ It is a network of AWS partners who provide recommendations and best practices on how to use AWS.
- ☐ It is an online tool with a set of automated checks that provides recommendations on cost optimization, performance, and security.
- ☐ It is another name for AWS Technical Account Managers who provide recommendations on cost optimization, performance, and security.


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## Question 57

Under the AWS shared responsibility model, customers are responsible for which aspects of security in the cloud? (Choose two.)

- ☐ Visualization management
- ☐ Hardware management
- ☐ Encryption management
- ☐ Facilities management
- ☐ Firewall management

## Question 58

Which of the following benefits does the AWS Compliance program provide to AWS customers? (Choose two.)

- ☐ It verifies that hosted workloads are automatically compliant with the controls of supported compliance frameworks.
- ☐ AWS is responsible for the maintenance of common compliance framework documentation.
- ☐ It assures customers that AWS is maintaining physical security and data protection.
- ☐ It ensures the use of compliance frameworks that are being used by other cloud providers.
- ☐ It will adopt new compliance frameworks as they become relevant to customer workloads.

## Question 59

Which Amazon RDS feature can be used to achieve high availability?

- ☐ Multiple Availability Zones
- ☐ Amazon Reserved Instances
- ☐ Provisioned IOPS storage
- ☐ Enhanced monitoring

## Question 60

Which of the following is an AWS Well-Architected Framework design principle related to reliability?

- ☐ Deployment to a single Availability Zone
- ☐ Ability to recover from failure
- ☐ Design for cost optimization
- ☐ Perform operations as code


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## Question 61

Which type of AWS storage is ephemeral and is deleted when an instance is stopped or terminated?

- ☐ Amazon EBS
- ☐ Amazon EC2 instance store
- ☐ Amazon EFS
- ☐ Amazon S3

## Question 62

Which of the following is an AWS-managed compute service?

- ☐ Amazon SWF
- ☐ Amazon EC2
- ☐ AWS Lambda
- ☐ Amazon Aurora

## Question 63

What is one of the advantages of the Amazon Relational Database Service (Amazon RDS)?

- ☐ It simplifies relational database administration tasks.
- ☐ It provides 99.99999999999% reliability and durability.
- ☐ It automatically scales databases for loads.
- ☐ It enabled users to dynamically adjust CPU and RAM resources.

## Question 64

When a company provisions web servers in multiple AWS Regions, what is being increased?

- ☐ Coupling
- ☐ Availability
- ☐ Security
- ☐ Durability

## Question 65

What costs are included when comparing AWS Total Cost of Ownership (TCO) with on-premises TCO?

- ☐ Project management
- ☐ Antivirus software licensing
- ☐ Data center security
- ☐ Software development


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## Question 66

Which of the following is an AWS Cloud architecture design principle?

- ☐ Implement single points of failure.
- ☐ Implement loose coupling.
- ☐ Implement monolithic design.
- ☐ Implement vertical scaling.

## Question 67

Which services are parts of the AWS serverless platform?

- ☐ Amazon EC2, Amazon S3, Amazon Athena
- ☐ Amazon Kinesis, Amazon SQS, Amazon EMR
- ☐ AWS Step Functions, Amazon DynamoDB, Amazon SNS
- ☐ Amazon Athena, Amazon Cognito, Amazon EC2

## Question 68

Which of the following tasks is the responsibility of AWS?

- ☐ Encrypting client-side data
- ☐ Configuring AWS Identity and Access Management (IAM) roles
- ☐ Securing the Amazon EC2 hypervisor
- ☐ Setting user password policies

## Question 69

Which AWS feature will reduce the customer's total cost of ownership (TCO)?

- ☐ Shared responsibility security model
- ☐ Single tenancy
- ☐ Elastic computing
- ☐ Encryption

## Question 70

Which service's PRIMARY purpose is software version control?

- ☐ Amazon CodeStar
- ☐ AWS Command Line Interface (AWS CLI)
- ☐ Amazon Cognito
- ☐ AWS CodeCommit


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## Question 71

When comparing the total cost of ownership (TCO) of an on-premises infrastructure to a cloud architecture, what costs should be considered? (Choose two.)

- ☐ The credit card processing fees for application transactions in the cloud.
- ☐ The cost of purchasing and installing server hardware in the on-premises data.
- ☐ The cost of administering the infrastructure, including operating system and software installations, patches, backups, and recovering from failures.
- ☐ The costs of third-party penetration testing.
- ☐ The advertising costs associated with an ongoing enterprise-wide campaign.

## Question 72

Which Amazon EC2 pricing model adjusts based on supply and demand of EC2 instances?

- ☐ On-Demand Instances
- ☐ Reserved Instances
- ☐ Spot Instances
- ☐ Convertible Reserved Instances

## Question 73

Which managed AWS service provides real-time guidance on AWS security best practices?

- ☐ AWS X-Ray
- ☐ AWS Trusted Advisor
- ☐ Amazon CloudWatch
- ☐ AWS Systems Manager

## Question 74

Which service enables customers to audit and monitor changes in AWS resources?

- ☐ AWS Trusted Advisor
- ☐ Amazon GuardDuty
- ☐ Amazon Inspector
- ☐ AWS Config

## Question 75

Which storage service can be used as a low-cost option for hosting static websites?

- ☐ Amazon Glacier
- ☐ Amazon DynamoDB
- ☐ Amazon Elastic File System (Amazon EFS)
- ☐ Amazon Simple Storage Service (Amazon S3)


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## Question 76

Which of the following common IT tasks can AWS cover to free up company IT resources? (Choose two.)

- ☐ Patching databases software
- ☐ Testing application releases
- ☐ Backing up databases
- ☐ Creating database schema
- ☐ Running penetration tests

## Question 77

To use the AWS CLI, users are required to generate:

- ☐ a password policy.
- ☐ an access/secret key.
- ☐ a managed policy.
- ☐ an API key.

## Question 78

Which Amazon EC2 instance pricing model can provide discounts of up to 90%?

- ☐ Reserved Instances
- ☐ On-Demand
- ☐ Dedicated Hosts
- ☐ Spot Instances

## Question 79

How can a customer increase security to AWS account logons? (Choose two.)

- ☐ Configure AWS Certificate Manager
- ☐ Enable Multi-Factor Authentication (MFA)
- ☐ Use Amazon Cognito to manage access
- ☐ Configure a strong password policy
- ☐ Enable AWS Organizations


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## Question 80

Which of the following is a correct relationship between regions, Availability Zones, and edge locations?

- ☐ Data centers contain regions.
- ☐ Regions contain Availability Zones.
- ☐ Availability Zones contain edge locations.
- ☐ Edge locations contain regions.

## Question 81

Where can users find a catalog of AWS-recognized providers of third-party security solutions?

- ☐ AWS Service Catalog
- ☐ AWS Marketplace
- ☐ AWS Quick Start
- ☐ AWS CodeDeploy

## Question 82

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

- ☐ No upfront payment
- ☐ Hourly on-demand payment
- ☐ Partial upfront payment
- ☐ All upfront payment

## Question 83

What approach to transcoding a large number of individual video files adheres to AWS architecture principles?

- ☐ Using many instances in parallel
- ☐ Using a single large instance during off-peak hours
- ☐ Using dedicated hardware
- ☐ Using a large GPU instance type


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## Question 84

What are the advantages of the AWS Cloud? (Choose two.)

- ☐ Fixed rate monthly cost
- ☐ No need to guess capacity requirements
- ☐ Increased speed to market
- ☐ Increased upfront capital expenditure
- ☐ Physical access to cloud data centers

## Question 85

Which Amazon Virtual Private Cloud (Amazon VPC) feature enables users to connect two VPCs together?

- ☐ Amazon VPC endpoints
- ☐ Amazon Elastic Compute Cloud (Amazon EC2) ClassicLink
- ☐ Amazon VPC peering
- ☐ AWS Direct Connect

## Question 86

How many Availability Zones should compute resources be provisioned across to achieve high availability?

- ☐ A minimum of one
- ☐ A minimum of two
- ☐ A minimum of three
- ☐ A minimum of four or more

## Question 87

What can AWS edge locations be used for? (Choose two.)

- ☐ Hosting applications
- ☐ Delivering content closer to users
- ☐ Running NoSQL database caching services
- ☐ Reducing traffic on the server by caching responses
- ☐ Sending notification messages to end users


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## Question 88

Which service stores objects, provides real-time access to those objects, and offers versioning and lifecycle capabilities?

- ☐ Amazon Glacier
- ☐ AWS Storage Gateway
- ☐ Amazon S3
- ☐ Amazon EBS

## Question 89

How does AWS charge for AWS Lambda?

- ☐ Users bid on the maximum price they are willing to pay per hour.
- ☐ Users choose a 1-, 3- or 5-year upfront payment term.
- ☐ Users pay for the required permanent storage on a file system or in a database.
- ☐ Users pay based on the number of requests and consumed compute resources.

## Question 90

Which Amazon EC2 pricing model is the MOST cost efficient for an uninterruptible workload that runs once a year for 24 hours?

- ☐ On-Demand Instances
- ☐ Reserved Instances
- ☐ Spot Instances
- ☐ Dedicated Instances

## Question 91

Which services use AWS edge locations? (Choose two.)

- ☐ Amazon CloudFront
- ☐ AWS Shield
- ☐ Amazon EC2
- ☐ Amazon RDS
- ☐ Amazon ElastiCache

## Question 92

Which of the following can a customer use to enable single sign-on (SSO) to the AWS Console?

- ☐ Amazon Connect
- ☐ AWS Directory Service
- ☐ Amazon Pinpoint
- ☐ Amazon Rekognition


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## Question 93

AWS supports which of the following methods to add security to Identity and Access Management (IAM) users? (Choose two.)

- ☐ Implementing Amazon Rekognition
- ☐ Using AWS Shield-protected resources
- ☐ Blocking access with Security Groups
- ☐ Using Multi-Factor Authentication (MFA)
- ☐ Enforcing password strength and expiration

## Question 94

Which design principles for cloud architecture are recommended when re-architecting a large monolithic application? (Choose two.)

- ☐ Use manual monitoring.
- ☐ Use fixed servers.
- ☐ Implement loose coupling.
- ☐ Rely on individual components.
- ☐ Design for scalability.

## Question 95

When architecting cloud applications, which of the following are a key design principle?

- ☐ Use the largest instance possible
- ☐ Provision capacity for peak load
- ☐ Use the Scrum development process
- ☐ Implement elasticity

## Question 96

How does AWS shorten the time to provision IT resources?

- ☐ It supplies an online IT ticketing platform for resource requests.
- ☐ It supports automatic code validation services.
- ☐ It provides the ability to programmatically provision existing resources.
- ☐ It automates the resource request process from a company's IT vendor list.


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## Question 97

Which of the following are pillars of the AWS Well-Architected Framework? (Choose two.)

- ☐ Multiple Availability Zones
- ☐ Performance efficiency
- ☐ Security
- ☐ Encryption usage
- ☐ High availability

## Question 98

Which AWS service identifies security groups that allow unrestricted access to a user's AWS resources?

- ☐ AWS CloudTrail
- ☐ AWS Trusted Advisor
- ☐ Amazon CloudWatch
- ☐ Amazon Inspector

## Question 99

Where are AWS compliance documents, such as an SOC 1 report, located?

- ☐ Amazon Inspector
- ☐ AWS CloudTrail
- ☐ AWS Artifact
- ☐ AWS Certificate Manager

## Question 100

Why should a company choose AWS instead of a traditional data center?

- ☐ AWS provides users with full control over the underlying resources.
- ☐ AWS does not require long-term contracts and provides a pay-as-you-go model.
- ☐ AWS offers edge locations in every country, supporting global reach.
- ☐ AWS has no limits on the number of resources that can be created.


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## Question 101

Which of the following AWS services can be used to serve large amounts of online video content with the lowest possible latency? (Choose two.)

- ☐ AWS Storage Gateway
- ☐ Amazon S3
- ☐ Amazon Elastic File System (EFS)
- ☐ Amazon Glacier
- ☐ Amazom CloudFront

## Question 102

Which of the following Identity and Access Management (IAM) entities is associated with an access key ID and secret access key when using AWS Command Line Interface (AWS CLI)?

- ☐ IAM group
- ☐ IAM user
- ☐ IAM role
- ☐ IAM policy

## Question 103

If a customer needs to audit the change management of AWS resources, which of the following AWS services should the customer use?

- ☐ AWS Config
- ☐ AWS Trusted Advisor
- ☐ Amazon CloudWatch
- ☐ Amazon Inspector

## Question 104

A company is migrating an application that is running non-interruptible workloads for a three-year time frame.

Which pricing construct would provide the MOST cost-effective solution?

- ☐ Amazon EC2 Spot Instances
- ☐ Amazon EC2 Dedicated Instances
- ☐ Amazon EC2 On-Demand Instances
- ☐ Amazon EC2 Reserved Instances


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## Question 105

Which of the following describes the relationships among AWS Regions, Availability Zones, and edge locations? (Choose two.)

- ☐ There are more AWS Regions than Availability Zones.
- ☐ There are more edge locations than AWS Regions.
- ☐ An edge location is an Availability Zone.
- ☐ There are more AWS Regions than edge locations.
- ☐ There are more Availability Zones than AWS Regions.

## Question 106

Which of the following services falls under the responsibility of the customer to maintain operating system configuration, security patching, and networking?

- ☐ Amazon RDS
- ☐ Amazon EC2
- ☐ Amazon ElastiCache
- ☐ AWS Fargate

## Question 107

A company is considering migrating its applications to AWS. The company wants to compare the cost of running the workload on-premises to running the equivalent workload on the AWS platform.

Which tool can be used to perform this comparison?

- ☐ AWS Simple Monthly Calculator
- ☐ AWS Total Cost of Ownership (TCO) Calculator
- ☐ AWS Billing and Cost Management console
- ☐ Cost Explorer

## Question 108

What are the immediate benefits of using the AWS Cloud? (Choose two.)

- ☐ Increased IT staff.
- ☐ Capital expenses are replaced with variable expenses.
- ☐ User control of infrastructure.
- ☐ Increased agility.
- ☐ AWS holds responsibility for security in the cloud.


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## Question 109

Which AWS IAM feature allows developers to access AWS services through the AWS CLI?

- ☐ API keys
- ☐ Access keys
- ☐ User names/Passwords
- ☐ SSH keys

## Question 110

Which options does AWS make available for customers who want to learn about security in the cloud in an instructor-led setting? (Choose two.)

- ☐ AWS Trusted Advisor
- ☐ AWS Online Tech Talks
- ☐ AWS Blog
- ☐ AWS Forums
- ☐ AWS Classroom Training

## Question 111

What is one of the customer's responsibilities according to the AWS shared responsibility model?

- ☐ Virtualization infrastructure
- ☐ Network infrastructure
- ☐ Application security
- ☐ Physical security of hardware

## Question 112

Which of the following are advantages of AWS consolidated billing? (Choose two.)

- ☐ The ability to receive one bill for multiple accounts
- ☐ Service limits increasing by default in all accounts
- ☐ A fixed discount on the monthly bill
- ☐ Potential volume discounts, as usage in all accounts is combined
- ☐ The automatic extension of the master account's AWS support plan to all accounts


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## Question 113

Which of the following provides the ability to share the cost benefits of Reserved Instances across AWS accounts?

- ☐ AWS Cost Explorer between AWS accounts
- ☐ Linked accounts and consolidated billing
- ☐ Amazon Elastic Compute Cloud (Amazon EC2) Reserved Instance Utilization Report
- ☐ Amazon EC2 Instance Usage Report between AWS accounts

## Question 114

A company requires a dedicated network connection between its on-premises servers and the AWS Cloud.

Which AWS service should be used?

- ☐ AWS VPN
- ☐ AWS Direct Connect
- ☐ Amazon API Gateway
- ☐ Amazon Connect

## Question 115

What are the multiple, isolated locations within an AWS Region that are connected by low-latency networks called?

- ☐ AWS Direct Connects
- ☐ Amazon VPCs
- ☐ Edge locations
- ☐ Availability Zones

## Question 116

Which AWS services are defined as global instead of regional? (Choose two.)

- ☐ Amazon Route 53
- ☐ Amazon EC2
- ☐ Amazon S3
- ☐ Amazon CloudFront
- ☐ Amazon DynamoDB


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## Question 117

What is an advantage of using the AWS Cloud over a traditional on-premises solution?

- ☐ Users do not have to guess about future capacity needs.
- ☐ Users can utilize existing hardware contracts for purchases.
- ☐ Users can fix costs no matter what their traffic is.
- ☐ Users can avoid audits by using reports from AWS.

## Question 118

Which service allows a company with multiple AWS accounts to combine its usage to obtain volume discounts?

- ☐ AWS Server Migration Service
- ☐ AWS Organizations
- ☐ AWS Budgets
- ☐ AWS Trusted Advisor

## Question 119

Which of the following are benefits of hosting infrastructure in the AWS Cloud? (Choose two.)

- ☐ There are no upfront commitments.
- ☐ AWS manages all security in the cloud.
- ☐ Users have the ability to provision resources on demand.
- ☐ Users have access to free and unlimited storage.
- ☐ Users have control over the physical infrastructure.

## Question 120

The pay-as-you-go pricing model for AWS services:

- ☐ reduces capital expenditures.
- ☐ requires payment up front for AWS services.
- ☐ is relevant only for Amazon EC2, Amazon S3, and Amazon RDS.
- ☐ reduces operational expenditures.

## Question 121

As part of the AWS shared responsibility model, which of the following operational controls do users fully inherit from AWS?

- ☐ Security management of data center
- ☐ Patch management
- ☐ Configuration management
- ☐ User and access management


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## Question 122

Which is the MINIMUM AWS Support plan that allows for one-hour target response time for support cases?

- ☐ Enterprise
- ☐ Business
- ☐ Developer
- ☐ Basic

## Question 123

Which of the following services is in the category of AWS serverless platform?

- ☐ Amazon EMR
- ☐ Elastic Load Balancing
- ☐ AWS Lambda
- ☐ AWS Mobile Hub

## Question 124

A company wants to migrate its applications to a VPC on AWS. These applications will need to access on-premises resources.

What combination of actions will enable the company to accomplish this goal? (Choose two.)

- ☐ Use the AWS Service Catalog to identify a list of on-premises resources that can be migrated.
- ☐ Build a VPN connection between an on-premises device and a virtual private gateway in the new VPC.
- ☐ Use Amazon Athena to query data from the on-premises database servers.
- ☐ Connect the company's on-premises data center to AWS using AWS Direct Connect.
- ☐ Leverage Amazon CloudFront to restrict access to static web content provided through the company's on-premises web servers.

## Question 125

How is asset management on AWS easier than asset management in a physical data center?

- ☐ AWS provides a Configuration Management Database that users can maintain.
- ☐ AWS performs infrastructure discovery scans on the customer's behalf.
- ☐ Amazon EC2 automatically generates an asset report and places it in the customer's specified Amazon S3 bucket.
- ☐ Users can gather asset metadata reliably with a few API calls.


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## Question 126

A company has multiple AWS accounts and wants to simplify and consolidate its billing process.

Which AWS service will achieve this?

- ☐ AWS Cost and Usage Reports
- ☐ AWS Organizations
- ☐ AWS Cost Explorer
- ☐ AWS Budgets

## Question 127

Which of the following is a shared control between the customer and AWS?

- ☐ Providing a key for Amazon S3 client-side encryption
- ☐ Configuration of an Amazon EC2 instance
- ☐ Environmental controls of physical AWS data centers
- ☐ Awareness and training

## Question 128

How can one AWS account use Reserved Instances from another AWS account?

- ☐ By using Amazon EC2 Dedicated Instances
- ☐ By using AWS Organizations consolidated billing
- ☐ By using the AWS Cost Explorer tool
- ☐ By using AWS Budgets

## Question 129

Which methods can be used to identify AWS costs by departments? (Choose two.)

- ☐ Enable multi-factor authentication for the AWS account root user.
- ☐ Create separate accounts for each department.
- ☐ Use Reserved Instances whenever possible.
- ☐ Use tags to associate each instance with a particular department.
- ☐ Pay bills using purchase orders.

## Question 130

Compared with costs in traditional and virtualized data centers, AWS has:

- ☐ greater variable costs and greater upfront costs.
- ☐ fixed usage costs and lower upfront costs.
- ☐ lower variable costs and greater upfront costs.
- ☐ lower variable costs and lower upfront costs.


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## Question 131

Distributing workloads across multiple Availability Zones supports which cloud architecture design principle?

- ☐ Implement automation.
- ☐ Design for agility.
- ☐ Design for failure.
- ☐ Implement elasticity.

## Question 132

A customer is using multiple AWS accounts with separate billing.

How can the customer take advantage of volume discounts with minimal impact to the AWS resources?

- ☐ Create one global AWS acount and move all AWS resources to tha account.
- ☐ Sign up for three years of Reserved Instance pricing up front.
- ☐ Use the consolidated billing feature from AWS Organizations.
- ☐ Sign up for the AWS Enterprise support plan to get volume discounts.

## Question 133

Which of the following Reserved Instance (RI) pricing models provides the highest average savings compared to On-Demand pricing?

- ☐ One-year, No Upfront, Standard RI pricing
- ☐ One-year, All Upfront, Convertible RI pricing
- ☐ Three-year, All Upfront, Standard RI pricing
- ☐ Three-year, No Upfront, Convertible RI pricing

## Question 134

Which AWS service provides the ability to manage infrastructure as code?

- ☐ AWS CodePipeline
- ☐ AWS CodeDeploy
- ☐ AWS Direct Connect
- ☐ AWS CloudFormation


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## Question 135

Which of the Reserved Instance (RI) pricing models can change the attributes of the RI as long as the exchange results in the creation of RIs of equal or greater value?

- ☐ Dedicated RIs
- ☐ Scheduled RIs
- ☐ Convertible RIs
- ☐ Standard RIs

## Question 136

Which AWS Support plan provides a full set of AWS Trusted Advisor checks?

- ☐ Business and Developer Support
- ☐ Business and Basic Support
- ☐ Enterprise and Developer Support
- ☐ Enterprise and Business Support

## Question 137

Which of the following AWS services provide compute resources? (Choose two.)

- ☐ AWS Lambda
- ☐ Amazon Elastic Container Service (Amazon ECS)
- ☐ AWS CodeDeploy
- ☐ Amazon Glacier
- ☐ AWS Organizations

## Question 138

Which of the following AWS Cloud services can be used to run a customer-managed relational database?

- ☐ Amazon EC2
- ☐ Amazon Route 53
- ☐ Amazon ElastiCache
- ☐ Amazon DynamoDB


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## Question 139

Which of the following can limit Amazon Storage Service (Amazon S3) bucket access to specific users?

- ☐ A public and private key-pair
- ☐ Amazon Inspector
- ☐ AWS Identity and Access Management (IAM) policies
- ☐ Security Groups

## Question 140

Which AWS services should be used for read/write of constantly changing data? (Choose two.)

- ☐ Amazon Glacier
- ☐ Amazon RDS
- ☐ AWS Snowball
- ☐ Amazon Redshift
- ☐ Amazon EFS

## Question 141

Which AWS services can be used to gather information about AWS account activity? (Choose two.)

- ☐ Amazon CloudFront
- ☐ AWS Cloud9
- ☐ AWS CloudTrail
- ☐ AWS CloudHSM
- ☐ Amazon CloudWatch

## Question 142

When comparing AWS with on-premises Total Cost of Ownership (TCO), what costs are included?

- ☐ Data center security
- ☐ Business analysis
- ☐ Project management
- ☐ Operating system administration


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## Question 143

A user wants guidance on possible savings when migrating from on-premises to AWS.

Which tool is suitable for this scenario?

- ☐ AWS Budgets
- ☐ Cost Explorer
- ☐ AWS Total Cost of Ownership (TCO) Calculator
- ☐ AWS Well-Architected Tool

## Question 144

A company's web application currently has tight dependencies on underlying components, so when one component fails the entire web application fails.

Applying which AWS Cloud design principle will address the current design issue?

- ☐ Implementing elasticity, enabling the application to scale up or scale down as demand changes.
- ☐ Enabling several EC2 instances to run in parallel to achieve better performance.
- ☐ Focusing on decoupling components by isolating them and ensuring individual components can function when other components fail.
- ☐ Doubling EC2 computing resources to increase system fault tolerance.

## Question 145

How can a company isolate the costs of production and non-production workloads on AWS?

- ☐ Create Identity and Access Management (IAM) roles for production and non-production workloads.
- ☐ Use different accounts for production and non-production expenses.
- ☐ Use Amazon EC2 for non-production workloads and other services for production workloads.
- ☐ Use Amazon CloudWatch to monitor the use of services.

## Question 146

Under the shared responsibility model, which of the following tasks are the responsibility of the customer? (Choose two.)

- ☐ Maintaining the underlying Amazon EC2 hardware.
- ☐ Managing the VPC network access control lists.
- ☐ Encrypting data in transit and at rest.
- ☐ Replacing failed hard disk drives.
- ☐ Deploying hardware in different Availability Zones.


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## Question 147

Which AWS security service protects applications from distributed denial of service attacks with always-on detection and automatic inline mitigations?

- ☐ Amazon Inspector
- ☐ AWS Web Application Firewall (AWS WAF)
- ☐ Elastic Load Balancing (ELB)
- ☐ AWS Shield

## Question 148

A customer is deploying a new application and needs to choose an AWS Region.

Which of the following factors could influence the customer's decision? (Choose two.)

- ☐ Reduced latency to users
- ☐ The application's presentation in the local language
- ☐ Data sovereignty compliance
- ☐ Cooling costs in hotter climates
- ☐ Proximity to the customer's office for on-site visits

## Question 149

Which AWS services can host a Microsoft SQL Server database? (Choose two.)

- ☐ Amazon EC2
- ☐ Amazon Relational Database Service (Amazon RDS)
- ☐ Amazon Aurora
- ☐ Amazon Redshift
- ☐ Amazon S3

## Question 150

What is an advantage of deploying an application across multiple Availability Zones?

- ☐ There is a lower risk of service failure if a natural disaster causes a service disruption in a given AWS Region.
- ☐ The application will have higher availability because it can withstand a service disruption in one Availability Zone.
- ☐ There will be better coverage as Availability Zones are geographically distant and can serve a wider area.
- ☐ There will be decreased application latency that will improve the user experience.


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## Question 151

In which scenario should Amazon EC2 Spot Instances be used?

- ☐ A company wants to move its main website to AWS from an on-premises web server.
- ☐ A company has a number of application services whose Service Level Agreement (SLA) requires 99.999% uptime.
- ☐ A company's heavily used legacy database is currently running on-premises.
- ☐ A company has a number of infrequent, interruptible jobs that are currently using On-Demand Instances.

## Question 152

Which AWS service can be used to generate alerts based on an estimated monthly bill?

- ☐ AWS Config
- ☐ Amazon CloudWatch
- ☐ AWS X-Ray
- ☐ AWS CloudTrail

## Question 153

Which of the following components of the AWS Global Infrastructure consists of one or more discrete data centers interconnected through low latency links?

- ☐ Availability Zone
- ☐ Edge location
- ☐ Region
- ☐ Private networking

## Question 154

Using AWS Identity and Access Management (IAM) to grant access only to the resources needed to perform a task is a concept known as:

- ☐ restricted access.
- ☐ as-needed access.
- ☐ least privilege access.
- ☐ token access.


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## Question 155

Which architectural principle is used when deploying an Amazon Relational Database Service (Amazon RDS) instance in Multiple Availability Zone mode?

- ☐ Implement loose coupling.
- ☐ Design for failure.
- ☐ Automate everything that can be automated.
- ☐ Use services, not servers.

## Question 156

How can a company reduce its Total Cost of Ownership (TCO) using AWS?

- ☐ By minimizing large capital expenditures
- ☐ By having no responsibility for third-party license costs
- ☐ By having no operational expenditures
- ☐ By having AWS manage applications

## Question 157

Which of the following can an AWS customer use to launch a new Amazon Relational Database Service (Amazon RDS) cluster?

- ☐ AWS Concierge
- ☐ AWS CloudFormation
- ☐ Amazon Simple Storage Service (Amazon S3)
- ☐ Amazon EC2 Auto Scaling
- ☐ AWS Management Console

## Question 158

Under the AWS shared responsibility model, which of the following is an example of security in the AWS Cloud?

- ☐ Managing edge locations
- ☐ Physical security
- ☐ Firewall configuration
- ☐ Global infrastructure


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## Question 159

How would an AWS customer easily apply common access controls to a large set of users?

- ☐ Apply an IAM policy to an IAM group.
- ☐ Apply an IAM policy to an IAM role.
- ☐ Apply the same IAM policy to all IAM users with access to the same workload.
- ☐ Apply an IAM policy to an Amazon Cognito user pool.

## Question 160

What is a benefit of loose coupling as a principle of cloud architecture design?

- ☐ It facilitates low-latency request handling.
- ☐ It allows applications to have dependent workflows.
- ☐ It prevents cascading failures between different components.
- ☐ It allows companies to focus on their physical data center operations.

## Question 161

Which AWS service needs to be enabled to track all user account changes within the AWS Management Console?

- ☐ AWS CloudTrail
- ☐ Amazon Simple Notification Service (Amazon SNS)
- ☐ VPC Flow Logs
- ☐ AWS CloudHSM

## Question 162

Which security service automatically recognizes and classifies sensitive data or intellectual property on AWS?

- ☐ Amazon GuardDuty
- ☐ Amazon Macie
- ☐ Amazon Inspector
- ☐ AWS Shield

## Question 163

Which of the following services is a MySQL-compatible database that automatically grows storage as needed?

- ☐ Amazon Elastic Compute Cloud (Amazon EC2)
- ☐ Amazon Relational Database Service (Amazon RDS) for MySQL
- ☐ Amazon Lightsail
- ☐ Amazon Aurora


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## Question 164

How does AWS MOST effectively reduce computing costs for a growing start-up company?

- ☐ It provides on-demand resources for peak usage.
- ☐ It automates the provisioning of individual developer environments.
- ☐ It automates customer relationship management.
- ☐ It implements a fixed monthly computing budget.

## Question 165

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

- ☐ Unlimited uptime
- ☐ Elasticity
- ☐ Agility
- ☐ Colocation
- ☐ Capital expenses

## Question 166

Which AWS service enables users to deploy infrastructure as code by automating the process of provisioning resources?

- ☐ Amazon GameLift
- ☐ AWS CloudFormation
- ☐ AWS Data Pipeline
- ☐ AWS Glue

## Question 167

Which activity is a customer responsibility in the AWS Cloud according to the AWS shared responsibility model?

- ☐ Ensuring network connectivity from AWS to the internet
- ☐ Patching and fixing flaws within the AWS Cloud infrastructure
- ☐ Ensuring the physical security of cloud data centers
- ☐ Ensuring Amazon EBS volumes are backed up

## Question 168

What AWS service would be used to centrally manage AWS access across multiple accounts?

- ☐ AWS Service Catalog
- ☐ AWS Config
- ☐ AWS Trusted Advisor
- ☐ AWS Organizations


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## Question 169

Which of the following is the responsibility of AWS?

- ☐ Setting up AWS Identity and Access Management (IAM) users and groups
- ☐ Physically destroying storage media at end of life
- ☐ Patching guest operating systems
- ☐ Configuring security settings on Amazon EC2 instances

## Question 170

What are the advantages of Reserved Instances? (Choose two.)

- ☐ They provide a discount over on-demand pricing.
- ☐ They provide access to additional instance types.
- ☐ They provide additional networking capability.
- ☐ Customers can upgrade instances as new types become available.
- ☐ Customers can reserve capacity in an Availability Zone.

## Question 171

A system in the AWS Cloud is designed to withstand the failure of one or more components.

What is this an example of?

- ☐ Elasticity
- ☐ High Availability
- ☐ Scalability
- ☐ Agility

## Question 172

Where should a company go to search software listings from independent software vendors to find, test, buy and deploy software that runs on AWS?

- ☐ AWS Marketplace
- ☐ Amazon Lumberyard
- ☐ AWS Artifact
- ☐ Amazon CloudSearch


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## Question 173

Which of the following services could be used to deploy an application to servers running on-premises? (Choose two.)

- ☐ AWS Elastic Beanstalk
- ☐ AWS OpsWorks
- ☐ AWS CodeDeploy
- ☐ AWS Batch
- ☐ AWS X-Ray

## Question 174

How does AWS charge for AWS Lambda usage once the free tier has been exceeded? (Choose two.)

- ☐ By the time it takes for the Lambda function to execute.
- ☐ By the number of versions of a specific Lambda function.
- ☐ By the number of requests made for a given Lambda function.
- ☐ By the programming language that is used for the Lambda function.
- ☐ By the total number of Lambda functions in an AWS account.

## Question 175

A company wants to build its new application workloads in the AWS Cloud instead of using on-premises resources.

What expense can be reduced using the AWS Cloud?

- ☐ The cost of writing custom-built Java or Node .js code
- ☐ Penetration testing for security
- ☐ hardware required to support new applications
- ☐ Writing specific test cases for third-party applications.

## Question 176

What is the AWS customer responsible for according to the AWS shared responsibility model?

- ☐ Physical access controls
- ☐ Data encryption
- ☐ Secure disposal of storage devices
- ☐ Environmental risk management


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## Question 177

A characteristic of edge locations is that they:

- ☐ host Amazon EC2 instances closer to users.
- ☐ help lower latency and improve performance for users.
- ☐ cache frequently changing data without reaching the origin server.
- ☐ refresh data changes daily.

## Question 178

Which service should a customer use to consolidate and centrally manage multiple AWS accounts?

- ☐ AWS IAM
- ☐ AWS Organizations
- ☐ AWS Schema Conversion Tool
- ☐ AWS Config

## Question 179

Which AWS IAM feature is used to associate a set of permissions with multiple users?

- ☐ Multi-factor authentication
- ☐ Groups
- ☐ Password policies
- ☐ Access keys

## Question 180

Within the AWS shared responsibility model, who is responsible for security and compliance?

- ☐ The customer is responsible.
- ☐ AWS is responsible.
- ☐ AWS and the customer share responsibility.
- ☐ AWS shares responsibility with the relevant governing body.

## Question 181

What can users access from AWS Artifact?

- ☐ AWS security and compliance documents
- ☐ A download of configuration management details for all AWS resources
- ☐ Training materials for AWS services
- ☐ A security assessment of the applications deployed in the AWS Cloud


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## Question 182

Which of the following inspects AWS environments to find opportunities that can save money for users and also improve system performance?

- ☐ AWS Cost Explorer
- ☐ AWS Trusted Advisor
- ☐ Consolidated billing
- ☐ Detailed billing

## Question 183

One benefit of On-Demand Amazon Elastic Compute Cloud (Amazon EC2) pricing is:

- ☐ the ability to bid for a lower hourly cost.
- ☐ paying a daily rate regardless of time used.
- ☐ paying only for time used.
- ☐ pre-paying for instances and paying a lower hourly rate.

## Question 184

What tasks should a customer perform when that customer suspects an AWS account has been compromised? (Choose two.)

- ☐ Rotate passwords and access keys.
- ☐ Remove MFA tokens.
- ☐ Move resources to a different AWS Region.
- ☐ Delete AWS CloudTrail Resources.
- ☐ Contact AWS Support.

## Question 185

What is the lowest-cost, durable storage option for retaining database backups for immediate retrieval?

- ☐ Amazon S3
- ☐ Amazon Glacier
- ☐ Amazon EBS
- ☐ Amazon EC2 Instance Store


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## Question 186

Which AWS service provides a customized view of the health of specific AWS services that power a customer's workloads running on AWS?

- ☐ AWS Service Health Dashboard
- ☐ AWS X-Ray
- ☐ AWS Personal Health Dashboard
- ☐ Amazon CloudWatch

## Question 187

Which AWS service can serve a static website?

- ☐ Amazon S3
- ☐ Amazon Route 53
- ☐ Amazon QuickSight
- ☐ AWS X-Ray

## Question 188

Which of the following is an important architectural principle when designing cloud applications?

- ☐ Store data and backups in the same region.
- ☐ Design tightly coupled system components.
- ☐ Avoid multi-threading.
- ☐ Design for failure.

## Question 189

Which AWS service provides a simple and scalable shared file storage solution for use with Linux-based AWS and on-premises servers?

- ☐ Amazon S3
- ☐ Amazon Glacier
- ☐ Amazon EBS
- ☐ Amazon EFS

## Question 190

Which of the following is an advantage of consolidated billing on AWS?

- ☐ Volume pricing qualification
- ☐ Shared access permissions
- ☐ Multiple bills per account
- ☐ Eliminates the need for tagging


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## Question 191

A user is running an application on AWS and notices that one or more AWS-owned IP addresses is involved in a distributed denial-of-service (DDoS) attack.

Who should the user contact FIRST about this situation?

- ☐ AWS Premium Support
- ☐ AWS Technical Account Manager
- ☐ AWS Solutions Architect
- ☐ AWS Abuse team

## Question 192

What AWS team assists customers with accelerating cloud adoption through paid engagements in any of several specialty practice areas?

- ☐ AWS Enterprise Support
- ☐ AWS Solutions Architects
- ☐ AWS Professional Services
- ☐ AWS Account Managers

## Question 193

What should users do if they want to install an application in geographically isolated locations?

- ☐ Install the application using multiple internet gateways.
- ☐ Deploy the application to an Amazon VPC.
- ☐ Deploy the application to multiple AWS Regions.
- ☐ Configure the application using multiple NAT gateways.

## Question 194

Which AWS feature should a customer leverage to achieve high availability of an application?

- ☐ AWS Direct Connect
- ☐ Availability Zones
- ☐ Data centers
- ☐ Amazon Virtual Private Cloud (Amazon VPC)


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## Question 195

Which of the following features can be configured through the Amazon Virtual Private Cloud (Amazon VPC) Dashboard? (Choose two.)

- ☐ Amazon CloudFront distributions
- ☐ Amazon Route 53
- ☐ Security Groups
- ☐ Subnets
- ☐ Elastic Load Balancing

## Question 196

Which AWS service handles the deployment details of capacity provisioning, load balancing, Auto Scaling, and application health monitoring?

- ☐ AWS Config
- ☐ AWS Elastic Beanstalk
- ☐ Amazon Route 53
- ☐ Amazon CloudFront

## Question 197

A company will be moving from an on-premises data center to the AWS Cloud.

What would be one financial difference after the move?

- ☐ Moving from variable operational expense (opex) to upfront capital expense (capex).
- ☐ Moving from upfront capital expense (capex) to variable capital expense (capex).
- ☐ Moving from upfront capital expense (capex) to variable operational expense (opex).
- ☐ Elimination of upfront capital expense (capex) and elimination of variable operational expense (opex)

## Question 198

Which solution provides the FASTEST application response times to frequently accessed data to users in multiple AWS Regions?

- ☐ AWS CloudTrail across multiple Availability Zones
- ☐ Amazon CloudFront to edge locations
- ☐ AWS CloudFormation in multiple regions
- ☐ A virtual private gateway over AWS Direct Connect


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## Question 199

Which service provides a virtually unlimited amount of online highly durable object storage?

- ☐ Amazon Redshift
- ☐ Amazon Elastic File System (Amazon EFS)
- ☐ Amazon Elastic Container Service (Amazon ECS)
- ☐ Amazon S3

## Question 200

Which AWS characteristics make AWS cost effective for a workload with dynamic user demand? (Choose two.)

- ☐ High availability
- ☐ Shared security model
- ☐ Elasticity
- ☐ Pay-as-you-go pricing
- ☐ Reliability

## Question 201

Which of the following are categories of AWS Trusted Advisor? (Choose two.)

- ☐ Fault Tolerance
- ☐ Instance Usage
- ☐ Infrastructure
- ☐ Performance
- ☐ Storage Capacity

## Question 202

A company wants to monitor the CPU usage of its Amazon EC2 resources.

Which AWS service should the company use?

- ☐ AWS CloudTrail
- ☐ Amazon CloudWatch
- ☐ AWS Cost and Usage report
- ☐ Amazon Simple Notification Service (Amazon SNS)


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## Question 203

Which service should be used to estimate the costs of running a new project on AWS?

- ☐ AWS TCO Calculator
- ☐ AWS Simple Monthly Calculator
- ☐ AWS Cost Explorer API
- ☐ AWS Budgets

## Question 204

Which service provides a hybrid storage service that enables on-premises applications to seamlessly use cloud storage?

- ☐ Amazon Glacier
- ☐ AWS Snowball
- ☐ AWS Storage Gateway
- ☐ Amazon Elastic Block Storage (Amazon EBS)

## Question 205

Which task is AWS responsible for in the shared responsibility model for security and compliance?

- ☐ Granting access to individuals and services
- ☐ Encrypting data in transit
- ☐ Updating Amazon EC2 host firmware
- ☐ Updating operating systems

## Question 206

A company is looking for a scalable data warehouse solution.

Which of the following AWS solutions would meet the company's needs?

- ☐ Amazon Simple Storage Service (Amazon S3)
- ☐ Amazon DynamoDB
- ☐ Amazon Kinesis
- ☐ Amazon Redshift


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## Question 207

The financial benefits of using AWS are: (Choose two.)

- ☐ reduced Total Cost of Ownership (TCO).
- ☐ increased capital expenditure (capex).
- ☐ reduced operational expenditure (opex).
- ☐ deferred payment plans for startups.
- ☐ business credit lines for stratups.

## Question 208

A customer needs to run a MySQL database that easily scales.

Which AWS service should they use?

- ☐ Amazon Aurora
- ☐ Amazon Redshift
- ☐ Amazon DynamoDB
- ☐ Amazon ElastiCache

## Question 209

Which AWS service should be used for long-term, low-cost storage of data backups?

- ☐ Amazon RDS
- ☐ Amazon Glacier
- ☐ AWS Snowball
- ☐ AWS EBS

## Question 210

Which AWS managed service is used to host databases?

- ☐ AWS Batch
- ☐ AWS Artifact
- ☐ AWS Data Pipeline
- ☐ Amazon RDS

## Question 211

The AWS Cloud's multiple Regions are an example of:

- ☐ agility.
- ☐ global infrastructure.
- ☐ elasticity.
- ☐ pay-as-you-go pricing.


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## Question 212

What is the benefit of using AWS managed services, such as Amazon ElastiCache and Amazon Relational Database Service (Amazon RDS)?

- ☐ They require the customer to monitor and replace failing instances.
- ☐ They have better performance than customer-managed services.
- ☐ They simplify patching and updating underlying OSs.
- ☐ They do not require the customer to optimize instance type or size selections.

## Question 213

A user needs an automated security assessment report that will identify unintended network access to Amazon EC2 instances and vulnerabilities on those instances.

Which AWS service will provide this assessment report?

- ☐ EC2 security groups
- ☐ AWS Config
- ☐ Amazon Macie
- ☐ Amazon Inspector

## Question 214

Which service enables risk auditing by continuously monitoring and logging account activity, including user actions in the AWS Management Console and AWS SDKs?

- ☐ Amazon CloudWatch
- ☐ AWS CloudTrail
- ☐ AWS Config
- ☐ AWS Health

## Question 215

Where should users report that AWS resources are being used for malicious purposes?

- ☐ AWS Abuse team
- ☐ AWS Shield
- ☐ AWS Support
- ☐ AWS Developer Forums


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## Question 216

What does it mean to grant least privilege to AWS IAM users?

- ☐ It is granting permissions to a single user only.
- ☐ It is granting permissions using AWS IAM policies only.
- ☐ It is granting AdministratorAccess policy permissions to trustworthy users.
- ☐ It is granting only the permissions required to perform a given task.

## Question 217

What is the MINIMUM AWS Support plan that provides designated Technical Account Managers?

- ☐ Enterprise
- ☐ Business
- ☐ Developer
- ☐ Basic

## Question 218

How can an AWS user with an AWS Basic Support plan obtain technical assistance from AWS?

- ☐ AWS Senior Support Engineers
- ☐ AWS Technical Account Managers
- ☐ AWS Trusted Advisor
- ☐ AWS Discussion Forums

## Question 219

Which mechanism allows developers to access AWS services from application code?

- ☐ AWS Software Development Kit
- ☐ AWS Management Console
- ☐ AWS CodePipeline
- ☐ AWS Config

## Question 220

Under the shared responsibility model; which of the following areas are the customer's responsibility? (Choose two.)

- ☐ Firmware upgrades of network infrastructure
- ☐ Patching of operating systems
- ☐ Patching of the underlying hypervisor
- ☐ Physical security of data centers
- ☐ Configuration of the security group


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## Question 221

Which is a recommended pattern for designing a highly available architecture on AWS?

- ☐ Ensure that components have low-latency network connectivity.
- ☐ Run enough Amazon EC2 instances to operate at peak load.
- ☐ Ensure that the application is designed to accommodate failure of any single component.
- ☐ Use a monolithic application that handles all operations.

## Question 222

What does AWS Shield Standard provide?

- ☐ WAF rules
- ☐ DDoS protection
- ☐ Identity and Access Management (IAM) permissions and access to resources
- ☐ Data encryption

## Question 223

Under the shared responsibility model, which of the following is the customer responsible for?

- ☐ Ensuring that disk drives are wiped after use.
- ☐ Ensuring that firmware is updated on hardware devices.
- ☐ Ensuring that data is encrypted at rest.
- ☐ Ensuring that network cables are category six or higher.

## Question 224

Which AWS service provides a quick and automated way to create and manage AWS accounts?

- ☐ AWS QuickSight
- ☐ Amazon Lightsail
- ☐ AWS Organizations
- ☐ Amazon Connect


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## Question 225

Under the AWS shared responsibility model, which of the following activities are the customer's responsibility? (Choose two.)

- ☐ Patching operating system components for Amazon Relational Database Server (Amazon RDS)
- ☐ Encrypting data on the client-side
- ☐ Training the data center staff
- ☐ Configuring Network Access Control Lists (ACL)
- ☐ Maintaining environmental controls within a data center

## Question 226

Which AWS tools assist with estimating costs? (Choose three.)

- ☐ Detailed billing report
- ☐ Cost allocation tags
- ☐ AWS Simple Monthly Calculator
- ☐ AWS Total Cost of Ownership (TCO) Calculator
- ☐ Cost Estimator

## Question 227

Under the shared responsibility model, which of the following tasks are the responsibility of the AWS customer? (Choose two.)

- ☐ Ensuring that application data is encrypted at rest
- ☐ Ensuring that AWS NTP servers are set to the correct time
- ☐ Ensuring that users have received security training in the use of AWS services
- ☐ Ensuring that access to data centers is restricted
- ☐ Ensuring that hardware is disposed of properly

## Question 228

Access keys in AWS Identity and Access Management (IAM) are used to:

- ☐ log in to the AWS Management Console.
- ☐ make programmatic calls to AWS from AWS APIs.
- ☐ log in to Amazon EC2 instances.
- ☐ authenticate to AWS CodeCommit repositories.


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## Question 229

Which AWS service can a customer use to set up an alert notification when the account is approaching a particular dollar amount?

- ☐ AWS Cost and Usage reports
- ☐ AWS Budgets
- ☐ AWS Cost Explorer
- ☐ AWS Trusted Advisor

## Question 230

Which AWS service provides a self-service portal for on-demand access to AWS compliance reports?

- ☐ AWS Config
- ☐ AWS Certificate Manager
- ☐ Amazon Inspector
- ☐ AWS Artifact

## Question 231

Which of the following can limit Amazon Simple Storage Service (Amazon S3) bucket access to specific users?

- ☐ A public and private key-pair
- ☐ Amazon Inspector
- ☐ AWS Identity and Access Management (IAM) policies
- ☐ Security Groups

## Question 232

A company is considering moving its on-premises data center to AWS.

What factors should be included in doing a Total Cost of Ownership (TCO) analysis? (Choose two.)

- ☐ Amazon EC2 instance availability
- ☐ Power consumption of the data center
- ☐ Labor costs to replace old servers
- ☐ Application developer time
- ☐ Database engine capacity


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## Question 233

What does it mean if a user deploys a hybrid cloud architecture on AWS?

- ☐ All resources run using on-premises infrastructure.
- ☐ Some resources run on-premises and some run in a colocation center.
- ☐ All resources run in the AWS Cloud.
- ☐ Some resources run on-premises and some run in the AWS Cloud.

## Question 234

When building a cloud Total Cost of Ownership (TCO) model, which cost elements should be considered for workloads running on AWS? (Choose three.)

- ☐ Compute costs
- ☐ Facilities costs
- ☐ Storage costs
- ☐ Data transfer costs
- ☐ Network infrastructure costs
- ☐ Hardware lifecycle costs

## Question 235

How can a user protect against AWS service disruptions if a natural disaster affects an entire geographic area?

- ☐ Deploy applications across multiple Availability Zones within an AWS Region.
- ☐ Use a hybrid cloud computing deployment model within the geographic area.
- ☐ Deploy applications across multiple AWS Regions.
- ☐ Store application artifacts using AWS Artifact and replicate them across multiple AWS Regions.

## Question 236

Which of the following is a benefit of using the AWS Cloud?

- ☐ Permissive security removes the administrative burden.
- ☐ Ability to focus on revenue-generating activities.
- ☐ Control over cloud network hardware.
- ☐ Choice of specific cloud hardware vendors.


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## Question 237

A customer runs an On-Demand Amazon Linux EC2 instance for 3 hours, 5 minutes, and 6 seconds.

For how much time will the customer be billed?

- ☐ 3 hours, 5 minutes
- ☐ 3 hours, 5 minutes, and 6 seconds
- ☐ 3 hours, 6 minutes
- ☐ 4 hours

## Question 238

What are the benefits of using the AWS Cloud for companies with customers in many countries around the world? (Choose two.)

- ☐ Companies can deploy applications in multiple AWS Regions to reduce latency.
- ☐ Amazon Translate automatically translates third-party website interfaces into multiple languages.
- ☐ Amazon CloudFront has multiple edge locations around the world to reduce latency.
- ☐ Amazon Comprehend allows users to build applications that can respond to user requests in many languages.
- ☐ Elastic Load Balancing can distribute application web traffic to multiple AWS Regions around the world, which reduces latency.

## Question 239

When is it beneficial for a company to use a Spot Instance?

- ☐ When there is flexibility in when an application needs to run.
- ☐ When there are mission-critical workloads.
- ☐ When dedicated capacity is needed.
- ☐ When an instance should not be stopped.

## Question 240

Which of the following are characteristics of Amazon S3? (Choose two.)

- ☐ A global file system
- ☐ An object store
- ☐ A local file store
- ☐ A network file system
- ☐ A durable storage system


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## Question 241

Which Amazon EC2 pricing model offers the MOST significant discount when compared to On-Demand Instances?

- ☐ Partial Upfront Reserved Instances for a 1-year term
- ☐ All Upfront Reserved Instances for a 1-year term
- ☐ All Upfront Reserved Instances for a 3-year term
- ☐ No Upfront Reserved Instances for a 3-year term

## Question 242

Which service would provide network connectivity in a hybrid architecture that includes the AWS Cloud?

- ☐ Amazon VPC
- ☐ AWS Direct Connect
- ☐ AWS Directory Service
- ☐ Amazon API Gateway

## Question 243

Which of the following deployment models enables customers to fully trade their capital IT expenses for operational expenses?

- ☐ On-premises
- ☐ Hybrid
- ☐ Cloud
- ☐ Platform as a service

## Question 244

Which service is best for storing common database query results, which helps to alleviate database access load?

- ☐ Amazon Machine Learning
- ☐ Amazon SQS
- ☐ Amazon ElastiCache
- ☐ Amazon EC2 Instance Store


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## Question 245

What feature of Amazon RDS helps to create globally redundant databases?

- ☐ Snapshots
- ☐ Automatic patching and updating
- ☐ Cross-Region read replicas
- ☐ Provisioned IOPS

## Question 246

Which of the following is a cloud architectural design principle?

- ☐ Scale up, not out.
- ☐ Loosely couple components.
- ☐ Build monolithic systems.
- ☐ Use commercial database software.

## Question 247

A solution that is able to support growth in users, traffic, or data size with no drop in performance aligns with which cloud architecture principle?

- ☐ Think parallel
- ☐ Implement elasticity
- ☐ Decouple your components
- ☐ Design for failure

## Question 248

Under the AWS shared responsibility model, AWS is responsible for which security-related task?

- ☐ Lifecycle management of IAM credentials
- ☐ Physical security of global infrastructure
- ☐ Encryption of Amazon EBS volumes
- ☐ Firewall configuration


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## Question 249

A startup is working on a new application that needs to go to market quickly. The application requirements may need to be adjusted in the near future.

Which of the following is a characteristic of the AWS Cloud that would meet this specific need?

- ☐ Elasticity
- ☐ Reliability
- ☐ Performance
- ☐ Agility

## Question 250

Which of the following services have Distributed Denial of Service (DDoS) mitigation features? (Choose two.)

- ☐ AWS WAF
- ☐ Amazon DynamoDB
- ☐ Amazon EC2
- ☐ Amazon CloudFront
- ☐ Amazon Inspector

## Question 251

Which tool can be used to compare the costs of running a web application in a traditional hosting environment to running it on AWS?

- ☐ AWS Cost Explorer
- ☐ AWS Budgets
- ☐ AWS Cost and Usage report
- ☐ AWS Total Cost of Ownership (TCO) Calculator

## Question 252

What does AWS Marketplace allow users to do? (Choose two.)

- ☐ Sell unused Amazon EC2 Spot Instances.
- ☐ Sell solutions to other AWS users.
- ☐ Buy third-party software that runs on AWS.
- ☐ Purchase AWS security and compliance documents.
- ☐ Order AWS Snowball.


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## Question 253

Which of the following is an advantage of using AWS?

- ☐ AWS audits user data.
- ☐ Data is automatically secure.
- ☐ There is no guessing on capacity needs.
- ☐ AWS manages compliance needs.

## Question 254

How do customers benefit from Amazon's massive economies of scale?

- ☐ Periodic price reductions as the result of Amazon's operational efficiencies
- ☐ New Amazon EC2 instance types providing the latest hardware
- ☐ The ability to scale up and down when needed
- ☐ Increased reliability in the underlying hardware of Amazon EC2 instances

## Question 255

Web servers running on Amazon EC2 access a legacy application running in a corporate data center.

What term would describe this model?

- ☐ Cloud-native
- ☐ Partner network
- ☐ Hybrid architecture
- ☐ Infrastructure as a service

## Question 256

Which AWS tool will identify security groups that grant unrestricted Internet access to a limited list of ports?

- ☐ AWS Organizations
- ☐ AWS Trusted Advisor
- ☐ AWS Usage Report
- ☐ Amazon EC2 dashboard

## Question 257

According to the AWS shared responsibility model, what is AWS responsible for?

- ☐ Configuring Amazon VPC
- ☐ Managing application code
- ☐ Maintaining application traffic
- ☐ Managing the network infrastructure


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## Question 258

Which of the following security-related services does AWS offer? (Choose two.)

- ☐ Multi-factor authentication physical tokens
- ☐ AWS Trusted Advisor security checks
- ☐ Data encryption
- ☐ Automated penetration testing
- ☐ Amazon S3 copyrighted content detection

## Question 259

How should a customer forecast the future costs for running a new web application?

- ☐ Amazon Aurora Backtrack
- ☐ Amazon CloudWatch Billing Alarms
- ☐ AWS Simple Monthly Calculator
- ☐ AWS Cost and Usage report

## Question 260

Which of the following is the customer's responsibility under the AWS shared responsibility model?

- ☐ Patching underlying infrastructure
- ☐ Physical security
- ☐ Patching Amazon EC2 instances
- ☐ Patching network infrastructure

## Question 261

Which AWS service offers on-demand access to AWS security and compliance reports?

- ☐ AWS CloudTrail
- ☐ AWS Artifact
- ☐ AWS Health
- ☐ Amazon CloudWatch


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## Question 262

A web application running on AWS has been spammed with malicious requests from a recurring set of IP addresses.

Which AWS service can help secure the application and block the malicious traffic?

- ☐ AWS IAM
- ☐ Amazon GuardDuty
- ☐ Amazon Simple Notification Service (Amazon SNS)
- ☐ AWS WAF

## Question 263

Which AWS service would a customer use with a static website to achieve lower latency and high transfer speeds?

- ☐ AWS Lambda
- ☐ Amazon DynamoDB Accelerator
- ☐ Amazon Route 53
- ☐ Amazon CloudFront

## Question 264

Which of the following AWS features enables a user to launch a pre-configured Amazon Elastic Compute Cloud (Amazon EC2) instance?

- ☐ Amazon Elastic Block Store (Amazon EBS)
- ☐ Amazon Machine Image
- ☐ Amazon EC2 Systems Manager
- ☐ Amazon AppStream 2.0

## Question 265

Which AWS Cost Management tool allows you to view the most granular data about your AWS bill?

- ☐ AWS Cost Explorer
- ☐ AWS Budgets
- ☐ AWS Cost and Usage report
- ☐ AWS Billing dashboard


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## Question 266

Under the shared responsibility model, which of the following is a shared control between a customer and AWS?

- ☐ Physical controls
- ☐ Patch management
- ☐ Zone security
- ☐ Data center auditing

## Question 267

A company wants to reduce the physical compute footprint that developers use to run code.

Which service would meet that need by enabling serverless architectures?

- ☐ Amazon Elastic Compute Cloud (Amazon EC2)
- ☐ AWS Lambda
- ☐ Amazon DynamoDB
- ☐ AWS CodeCommit

## Question 268

What is an example of agility in the AWS Cloud?

- ☐ Access to multiple instance types
- ☐ Access to managed services
- ☐ Using Consolidated Billing to produce one bill
- ☐ Decreased acquisition time for new compute resources

## Question 269

The use of what AWS feature or service allows companies to track and categorize spending on a detailed level?

- ☐ Cost allocation tags
- ☐ Consolidated billing
- ☐ AWS Budgets
- ☐ AWS Marketplace


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## Question 270

Which of the following AWS services can be used to run a self-managed database?

- ☐ Amazon Route 53
- ☐ AWS X-Ray
- ☐ AWS Snowmobile
- ☐ Amazon Elastic Compute Cloud (Amazon EC2)

## Question 271

Which of the following is a fast and reliable NoSQL database service?

- ☐ Amazon Redshift
- ☐ Amazon RDS
- ☐ Amazon DynamoDB
- ☐ Amazon S3

## Question 272

Which of the following are features of Amazon CloudWatch Logs? (Choose two.)

- ☐ Summaries by Amazon Simple Notification Service (Amazon SNS)
- ☐ Free Amazon Elasticsearch Service analytics
- ☐ Provided at no charge
- ☐ Real-time monitoring
- ☐ Adjustable retention

## Question 273

When performing a cost analysis that supports physical isolation of a customer workload, which compute hosting model should be accounted for in the Total Cost of Ownership (TCO)?

- ☐ Dedicated Hosts
- ☐ Reserved Instances
- ☐ On-Demand Instances
- ☐ No Upfront Reserved Instances

## Question 274

For which auditing process does AWS have sole responsibility?

- ☐ AWS IAM policies
- ☐ Physical security
- ☐ Amazon S3 bucket policies
- ☐ AWS CloudTrail Logs


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## Question 275

Treating infrastructure as code in the AWS Cloud allows users to:

- ☐ automate migration of on-premises hardware to AWS data centers.
- ☐ let a third party automate an audit of the AWS infrastructure.
- ☐ turn over application code to AWS so it can run on the AWS infrastructure.
- ☐ automate the infrastructure provisioning process.

## Question 276

Which disaster recovery scenario offers the lowest probability of down time?

- ☐ Backup and restore
- ☐ Pilot light
- ☐ Warm standby
- ☐ Multi-site active-active

## Question 277

What technology enables compute capacity to adjust as loads change?

- ☐ Load balancing
- ☐ Automatic failover
- ☐ Round robin
- ☐ Auto Scaling

## Question 278

Which AWS feature allows a company to take advantage of usage tiers for services across multiple member accounts?

- ☐ Service control policies (SCPs)
- ☐ Consolidated billing
- ☐ All Upfront Reserved Instances
- ☐ AWS Cost Explorer

## Question 279

Which of the following services will automatically scale with an expected increase in web traffic?

- ☐ AWS CodePipeline
- ☐ Elastic Load Balancing
- ☐ Amazon EBS
- ☐ AWS Direct Connect


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## Question 280

What will help a company perform a cost benefit analysis of migrating to the AWS Cloud?

- ☐ Cost Explorer
- ☐ AWS Total Cost of Ownership (TCO) Calculator
- ☐ AWS Simple Monthly Calculator
- ☐ AWS Trusted Advisor

## Question 281

Which benefit of the AWS Cloud supports matching the supply of resources with changing workload demands?

- ☐ Security
- ☐ Reliability
- ☐ Elasticity
- ☐ High availability

## Question 282

A director has been tasked with investigating hybrid cloud architecture. The company currently accesses AWS over the public internet.

Which service will facilitate private hybrid connectivity?

- ☐ Amazon Virtual Private Cloud (Amazon VPC) NAT Gateway
- ☐ AWS Direct Connect
- ☐ Amazon Simple Storage Service (Amazon S3) Transfer Acceleration
- ☐ AWS Web Application Firewall (AWS WAF)

## Question 283

Which AWS service can be used to query stored datasets directly from Amazon S3 using standard SQL?

- ☐ AWS Glue
- ☐ AWS Data Pipeline
- ☐ Amazon CloudSearch
- ☐ Amazon Athena


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## Question 284

Amazon Relational Database Service (Amazon RDS) offers which of the following benefits over traditional database management?

- ☐ AWS manages the data stored in Amazon RDS tables.
- ☐ AWS manages the maintenance of the operating system.
- ☐ AWS automatically scales up instance types on demand.
- ☐ AWS manages the database type.

## Question 285

How do Amazon EC2 Auto Scaling groups help achieve high availability for a web application?

- ☐ They automatically add more instances across multiple AWS Regions based on global demand of the application.
- ☐ They automatically add or replace instances across multiple Availability Zones when the application needs it.
- ☐ They enable the application's static content to reside closer to end users.
- ☐ They are able to distribute incoming requests across a tier of web server instances.

## Question 286

Which principles are used to architect applications for reliability on the AWS Cloud? (Choose two.)

- ☐ Design for automated failure recovery
- ☐ Use multiple Availability Zones
- ☐ Manage changes via documented processes
- ☐ Test for moderate demand to ensure reliability
- ☐ Backup recovery to an on-premises environment

## Question 287

Under the AWS shared responsibility model, customer responsibilities include which one of the following?

- ☐ Securing the hardware, software, facilities, and networks that run all products and services.
- ☐ Providing certificates, reports, and other documentation directly to AWS customers under NDA.
- ☐ Configuring the operating system, network, and firewall.
- ☐ Obtaining industry certifications and independent third-party attestations.


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## Question 288

Which AWS service or feature allows a company to visualize, understand, and manage AWS costs and usage over time?

- ☐ AWS Budgets
- ☐ AWS Cost Explorer
- ☐ AWS Organizations
- ☐ Consolidated billing

## Question 289

Which AWS support plan includes a dedicated Technical Account Manager?

- ☐ Developer
- ☐ Enterprise
- ☐ Business
- ☐ Basic

## Question 290

According to the AWS shared responsibility model, who is responsible for configuration management?

- ☐ It is solely the responsibility of the customer.
- ☐ It is solely the responsibility of AWS.
- ☐ It is shared between AWS and the customer.
- ☐ It is not part of the AWS shared responsibility model.

## Question 291

What is the purpose of AWS Storage Gateway?

- ☐ It ensures on-premises data storage is 99.999999999% durable.
- ☐ It transports petabytes of data to and from AWS.
- ☐ It connects to multiple Amazon EC2 instances.
- ☐ It connects on-premises data storage to the AWS Cloud.


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## Question 292

A Cloud Practitioner needs a consistent and dedicated connection between AWS resources and an on-premises system.

Which AWS service can fulfill this requirement?

- ☐ AWS Direct Connect
- ☐ AWS VPN
- ☐ Amazon Connect
- ☐ AWS Data Pipeline

## Question 293

Which AWS service provides inbound and outbound network ACLs to harden external connectivity to Amazon EC2?

- ☐ AWS IAM
- ☐ Amazon Connect
- ☐ Amazon VPC
- ☐ Amazon API Gateway

## Question 294

Which AWS service would you use to obtain compliance reports and certificates?

- ☐ AWS Artifact
- ☐ AWS Lambda
- ☐ Amazon Inspector
- ☐ AWS Certificate Manager

## Question 295

Which feature adds elasticity to Amazon EC2 instances to handle the changing demand for workloads?

- ☐ Resource groups
- ☐ Lifecycle policies
- ☐ Application Load Balancer
- ☐ Amazon EC2 Auto Scaling


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## *Question 296*

How can the AWS Cloud increase user workforce productivity after migration from an on-premises data center?

- ☐ Users do not have to wait for infrastructure provisioning.
- ☐ The AWS Cloud infrastructure is much faster than an on-premises data center infrastructure.
- ☐ AWS takes over application configuration management on behalf of users.
- ☐ Users do not need to address security and compliance issues.


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