

To install a PCI-compliant workload on AWS, which of the following tasks is required?

- A. Use any AWS service and implement PCI controls at the application layer
- B. Use an AWS service that is in-scope for PCI compliance and raise an AWS support ticket to enable PCI compliance at the application layer
- C. Use any AWS service and raise an AWS support ticket to enable PCI compliance on that service
- D. Use an AWS service that is in scope for PCI compliance and apply PCI controls at the application layer

#### Question #2Topic 1

According to the AWS shared responsibility model, who is responsible for managing IAM user access and secret keys?

- A. IAM access and secret keys are static, so there is no need to rotate them.
- B. The customer is responsible for rotating keys.
- C. AWS will rotate the keys whenever required.
- D. The AWS Support team will rotate keys when requested by the customer.

#### Question #3Topic 1

Which security-related duty is AWS accountable for under the AWS shared responsibility model?

- A. Lifecycle management of IAM credentials
- B. Physical security of global infrastructure
- C. Encryption of Amazon EBS volumes
- D. Firewall configuration

#### Question #4Topic 1

Which cloud architecture design concept is supported by distributing workloads across various Availability Zones?

- A. Implement automation.
- B. Design for agility.
- C. Design for failure.
- D. Implement elasticity.

#### Question #5Topic 1

What is one technique to provide unified billing if each department within a firm has its own AWS account?

- A. Use AWS Budgets on each account to pay only to budget.
- B. Contact AWS Support for a monthly bill.
- C. Create an AWS Organization from the payer account and invite the other accounts to join.

- D. Put all invoices into one Amazon Simple Storage Service (Amazon S3) bucket, load data into Amazon Redshift, and then run a billing report.

#### Question #6Topic 1

Who is responsible for configuration management under the AWS shared responsibility model?

- A. It is solely the responsibility of the customer.
- B. It is solely the responsibility of AWS.
- C. It is shared between AWS and the customer.
- D. It is not part of the AWS shared responsibility model.

#### Question #7Topic 1

Who is the main point of contact for billing or account questions if a user has an AWS account with an Enterprise-level AWS Support plan?

- A. Solutions architect
- B. AWS Concierge Support team
- C. An AWS Marketplace seller
- D. AWS Partner Network (APN) partner

#### Question #8Topic 1

Which compute hosting model should be accounted for in the Total Cost of Ownership (TCO) when undertaking a cost analysis that allows physical isolation of a customer workload?

- A. Dedicated Hosts
- B. Reserved Instances
- C. On-Demand Instances
- D. No Upfront Reserved Instances

#### Question #9Topic 1

Which of the following is a suggestion made by an AWS Trusted Advisor? (Select two.)

- A. Cost optimization
- B. Auditing
- C. Serverless architecture
- D. Performance
- E. Scalability

#### Question #10Topic 1

Who is accountable for security and compliance under the AWS shared responsibility model?

- A. The customer is responsible.
- B. AWS is responsible.
- C. AWS and the customer share responsibility.
- D. AWS shares responsibility with the relevant governing body.

#### Question #11Topic 1

Which of the following is a critical design concept for architecting cloud applications?

- A. Use the largest instance possible
- B. Provision capacity for peak load
- C. Use the Scrum development process
- D. Implement elasticity

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#### Question #12Topic 1

Which pillar of the AWS Well-Architected Framework is supported by the design philosophy of performing operations as code?

- A. Performance efficiency
- B. Operational excellence
- C. Reliability
- D. Security

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#### Question #13Topic 1

What is the customer's responsibility while using Amazon RDS?

- A. Patching and maintenance of the underlying operating system.
- B. Managing automatic backups of the database.
- C. Controlling network access through security groups.
- D. Replacing failed instances in the event of a hardware failure.

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#### Question #14Topic 1

Which of the following operational controls do users completely inherit from AWS as part of the AWS shared responsibility model?

- A. Security management of data center
- B. Patch management
- C. Configuration management
- D. User and access management

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#### Question #15Topic 1

What is the customer's obligation while using an AWS managed service under the AWS shared responsibility model?

- A. Physical security of the data centers

- B. Server-side encryption
- C. Customer data
- D. Operating system patching

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#### Question #16Topic 1

Which pillar of the AWS Well-Architected Framework is designed on the idea of frequent, minor, reversible changes?

- A. Reliability
- B. Operational excellence
- C. Performance efficiency
- D. Cost optimization

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#### Question #17Topic 1

Which AWS service can identify the person who made the API request when an Amazon EC2 instance is terminated?

- A. Amazon CloudWatch
- B. AWS CloudTrail
- C. AWS X-Ray
- D. AWS Identity and Access Management (IAM)

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#### Question #18Topic 1

All AWS users have access to which AWS Trusted Advisor check?

- A. Core checks
- B. All checks
- C. Cost optimization checks
- D. Fault tolerance checks

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#### Question #19Topic 1

Which of the following is an example of security in the AWS Cloud under the AWS shared responsibility model?

- A. Managing edge locations
- B. Physical security
- C. Firewall configuration
- D. Global infrastructure

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#### Question #20Topic 1

Permissions for which of the following are managed by service control policies (SCPs)?

- A. Availability Zones
- B. AWS Regions
- C. AWS Organizations
- D. Edge locations

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#### Question #21Topic 1

Which of the following AWS services should a client utilize to audit the change management of AWS resources?

- A. AWS Config
- B. AWS Trusted Advisor
- C. Amazon CloudWatch
- D. Amazon Inspector

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#### Question #22Topic 1

What is raised when a business deploys web servers across several AWS Regions?

- A. Coupling
- B. Availability
- C. Security
- D. Durability

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#### Question #23Topic 1

Which of the following is a shared control between a client and AWS under the shared responsibility model?

- A. Physical controls
- B. Patch management
- C. Zone security
- D. Data center auditing

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#### Question #24Topic 1

According to the AWS shared responsibility model, which job is shared between AWS and the customer?

- A. Physical and environmental controls
- B. Server hardware management and encryption
- C. Application security
- D. Patch management and configuration management

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#### Question #25Topic 1

How should an application be created to function on the AWS Cloud in accordance with best practices?

- A. Use tightly coupled components.
- B. Use loosely coupled components.
- C. Use infrequently coupled components.
- D. Use frequently coupled components.

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#### Question #26Topic 1

Which cloud architectural concept is supported by a system that can scale in terms of users, traffic, or data quantity without sacrificing performance?

- A. Think parallel
- B. Implement elasticity
- C. Decouple your components
- D. Design for failure

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#### Question #27Topic 1

The following describes an application that spans various Availability Zones:

- A. being highly available
- B. having global reach
- C. using an economy of scale
- D. having elasticity

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#### Question #28Topic 1

Which duty is the customer's responsibility while administering AWS Lambda functions under the AWS shared responsibility model?

- 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

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#### Question #29Topic 1

Which of the following is not a duty of the client under the AWS shared responsibility model? (Select two.)

- A. Decommissioning of physical storage devices
- B. Security group and ACL configuration
- C. Patch management of an Amazon RDS instance operating system
- D. Controlling physical access to data centers
- E. Patch management of an Amazon EC2 instance operating system

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#### Question #30Topic 1

Which service or functionality does AWS Enterprise Support provide that other AWS Support subscriptions do not?

- A. AWS Trusted Advisor
- B. AWS Support case
- C. Concierge team
- D. Amazon Connect

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#### Question #31Topic 1

What attributes of an AWS account can AWS Trusted Advisor monitor and advise on? (Select two.)

- A. Compliance with security best practices
- B. Application performance
- C. Network utilization
- D. Cost optimization
- E. Compliance status

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#### Question #32Topic 1

Which feature enables Amazon EC2 instances to be more elastic in response to changing workload demand?

- A. Virtualization Management
- B. Hardware management
- C. Encryption management
- D. Facilities management
- E. Firewall management

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#### Question #33Topic 1

What is the unique advantage that Enterprise Support customers receive?

- A. Access to a Technical Project Manager
- B. Access to a Technical Account Manager
- C. Access to a Cloud Support Engineer
- D. Access to a Solutions Architect

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#### Question #34Topic 1

What are the advantages of AWS Cloud elasticity?

- A. Ensure web traffic is automatically spread across multiple AWS Regions.
- B. Minimize storage costs by automatically archiving log data.
- C. Enable AWS to automatically select the most cost-effective services.
- D. Automatically adjust the required compute capacity to maintain consistent performance.

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#### Question #35Topic 1

Which cost components should be addressed when developing a cloud Total Cost of Ownership (TCO) model for AWS workloads? (Select three.)

- A. Compute costs
- B. Facilities costs
- C. Storage costs
- D. Data transfer costs
- E. Network infrastructure costs
- F. Hardware lifecycle costs

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#### Question #36Topic 1

Which of the following are capabilities of the AWS Cost Management tools? (Select two.)

- A. Terminate all AWS resources automatically if budget thresholds are exceeded.



- B. Break down AWS costs by day, service, and linked AWS account.
- C. Create budgets and receive notifications if current of forecasted usage exceeds the budgets.
- D. Switch automatically to Reserved Instances or Spot Instances, whichever is most cost-effective.
- E. Move data stored in Amazon S3 to a more cost-effective storage class.

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#### Question #37Topic 1

How should an Amazon EC2 instance be granted access to an Amazon S3 bucket in accordance with security best practices?

- A. Hard code an IAM user's secret key and access key directly in the application, and upload the file.
- B. Store the IAM user's secret key and access key in a text file on the EC2 instance, read the keys, then upload the file.
- C. Have the EC2 instance assume a role to obtain the privileges to upload the file.
- D. Modify the S3 bucket policy so that any service can upload to it at any time.

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#### Question #38Topic 1

Which of the following price options would result in the highest reduction after making an Amazon EC2 Dedicated Host reservation?

- A. No upfront payment
- B. Hourly on-demand payment
- C. Partial upfront payment
- D. All upfront payment

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#### Question #39Topic 1

Which AWS services and/or features increase availability and mitigate the effect of failures while constructing a typical three-tier web application? (Select two.)

- A. AWS Auto Scaling for Amazon EC2 instances
- B. Amazon VPC subnet ACLs to check the health of a service
- C. Distributed resources across multiple Availability Zones
- D. AWS Server Migration Service (AWS SMS) to move Amazon EC2 instances into a different Region
- E. Distributed resources across multiple AWS points of presence

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#### Question #40Topic 1

Which of the following IT responsibilities may AWS relieve a company's IT team of? (Select two.)

- A. Patching database software
- B. Storage capacity planning
- C. Creating database schemas
- D. Setting up access controls for data
- E. Writing application code

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#### Question #41Topic 1

Which of the following is included in the AWS Trusted Advisor checks? (Select two.)

- A. Information on Amazon S3 bucket permissions
- B. AWS service outages
- C. Multi-factor authentication enabled on the AWS account root user
- D. Available software patches
- E. Number of users in the account

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#### Question #42Topic 1

What is AWS accountable for under the AWS shared responsibility model?

- A. Configuring Amazon VPC
- B. Managing application code
- C. Maintaining application traffic
- D. Managing the network infrastructure

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#### Question #43Topic 1

Which of the following tasks may be used to improve Amazon EC2 costs? (Select two.)

- A. Implementing Auto Scaling groups to add and remove instances based on demand.
- B. Creating a policy to restrict IAM users from creating new instances.
- C. Setting a budget to limit spending on EC2 instances using AWS Budgets.
- D. Purchasing Reserved Instances.
- E. Adding EC2 instances to a second AWS Region that is geographically close to the end users.

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#### Question #44Topic 1

Which of the following is a customer duty under the AWS shared responsibility model?

- A. Installing security patches for the Xen and KVM hypervisors
- B. Installing operating system patches for Amazon DynamoDB
- C. Installing operating system security patches for Amazon EC2 database instances
- D. Installing operating system security patches for Amazon RDS database instances

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#### Question #45Topic 1

A firm wishes to develop a new line of business application.

Which design concepts should be applied in accordance with the AWS Well-Architected Framework? (Select two.)

- A. Consolidate multiple AWS accounts into a single account.
- B. Buy and host hardware in the AWS Cloud.
- C. Decouple the AWS Cloud architecture to break up monolithic deployments.
- D. Move on-premises network hardware to VPCs.
- E. Design elasticity into the AWS Cloud design.

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#### Question #46Topic 1

Which scenarios should a user report to the AWS Abuse team? (Select two.)

- A. A DDoS attack is being made on an AWS resource.
- B. A SQL injection attack is being made from an IP address that is not an AWS address.
- C. AWS resources are being used to host objectionable or illegal content.
- D. A company's resources are being used in a way that is inconsistent with corporate policy.
- E. A company is receiving HTTPS requests on a web server that is serving HTTP.

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#### Question #47Topic 1

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

- A. Patching guest OS and applications
- B. Patching and fixing flaws in the infrastructure
- C. Physical and environmental controls
- D. Configuration of AWS infrastructure devices

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#### Question #48Topic 1

Which AWS serverless platform services are included?

- A. Amazon EC2, Amazon S3, Amazon Athena
- B. Amazon Kinesis, Amazon SQS, Amazon EMR
- C. AWS Step Functions, Amazon DynamoDB, Amazon SNS
- D. Amazon Athena, Amazon Cognito, Amazon EC2

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Question #49Topic 1

According to the AWS shared responsibility model, which of the following is the customer's obligation?

- A. Patching underlying infrastructure
- B. Physical security
- C. Patching Amazon EC2 instances
- D. Patching network infrastructure

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Topic 1 - Single Topic

Question #50Topic 1

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

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

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Question #51Topic 1

What is the AWS Cloud's value proposition?

- A. AWS is responsible for security in the AWS Cloud
- B. No long-term contract is required
- C. Provision new servers in days
- D. AWS manages user applications in the AWS Cloud

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Question #52Topic 1

Which of the following describes elasticity in the AWS Cloud? (Select two.)

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

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#### Question #53Topic 1

After studying the AWS Cost and Usage report in the AWS Management Console, a Cloud Practitioner detects a billing problem.

Which course of action should be done to rectify this?

- A. Open a detailed case related to billing and submit it to AWS Support for help.
- B. Upload data describing the issue to a new object in a private Amazon S3 bucket.
- C. Create a pricing application and deploy it to a right-sized Amazon EC2 instance for more information.
- D. Proceed with creating a new dashboard in Amazon QuickSight.

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#### Question #54Topic 1

Which action, in terms of AWS Cloud architecture, is compatible with the concept of least privilege?

- A. Allow users the minimum access that is needed to do a task.
- B. Prevent managers from accessing important source code.
- C. Provide only the permissions that are needed for users to do their jobs in the current month.
- D. Assign permissions that are based on job titles.

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#### Question #55Topic 1

Which of the following are customer duties under the AWS shared responsibility model? (Select two.)

- A. Setting up server-side encryption on an Amazon S3 bucket
- B. Amazon RDS instance patching
- C. Network and firewall configurations
- D. Physical security of data center facilities
- E. Compute capacity availability

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#### Question #56Topic 1

Which of the following tasks is the AWS customer's duty under the shared responsibility model? (Select two.)

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

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#### Question #57Topic 1

Before transferring an environment to the AWS Cloud, a cloud practitioner must receive AWS compliance reports.

How are these reports produced?

- A. Contact the AWS Compliance team
- B. Download the reports from AWS Artifact
- C. Open a case with AWS Support
- D. Generate the reports with Amazon Macie

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#### Question #58Topic 1

Which change management actions, according to the AWS Well-Architected Framework, should be followed to ensure AWS Cloud reliability? (Select two.)

- A. Use AWS Config to generate an inventory of AWS resources
- B. Use service limits to prevent users from creating or making changes to AWS resources
- C. Use AWS CloudTrail to record AWS API calls into an auditable log file
- D. Use AWS Certificate Manager to whitelist approved AWS resources and services
- E. Use Amazon GuardDuty to validate configuration changes made to AWS resources

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#### Question #59Topic 1

What may be associated to an Amazon EC2 instance through AWS Identity and Access Management (IAM) to initiate service requests?

- A. Group
- B. Role
- C. Policy
- D. Access key

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#### Question #60Topic 1

Which of the following actions is the customer's responsibility under the AWS shared responsibility model? (Select two.)

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

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#### Question #61Topic 1

Which AWS services or functionalities enable failover across several AWS Regions to ensure high availability and low latency? (Select two.)

- A. Amazon Route 53
- B. Network Load Balancer
- C. Amazon S3 Transfer Acceleration
- D. AWS Global Accelerator
- E. Application Load Balancer

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#### Question #62Topic 1

Which of the following is a duty of AWS under the AWS shared responsibility model?

- A. Enabling server-side encryption for objects stored in S3
- B. Applying AWS IAM security policies
- C. Patching the operating system on an Amazon EC2 instance
- D. Applying updates to the hypervisor

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#### Question #63Topic 1

A copy of the AWS SOC 2 report is required during a compliance review by one of the auditors.

Which service should this request be sent through?

- A. AWS Personal Health Dashboard
- B. AWS Trusted Advisor

- C. AWS Artifact
- D. Amazon S3

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#### Question #64Topic 1

For 3 hours, 5 minutes, and 6 seconds, a client operates an Amazon Linux EC2 instance on-demand.

How long will the consumer be charged?

- A. 3 hours, 5 minutes
- B. 3 hours, 5 minutes, and 6 seconds
- C. 3 hours, 6 minutes
- D. 4 hours

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#### Question #65Topic 1

According to the AWS shared responsibility model, which of the following is exclusively the responsibility of AWS?

- A. Patching of the guest operating system
- B. Security awareness and training
- C. Physical and environmental controls
- D. Development of an IAM password policy

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#### Question #66Topic 1

What can users do using AWS Marketplace? (Select two.)

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

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#### Question #67Topic 1

What are the possible uses for AWS edge locations? (Select two.)

- A. Hosting applications
- B. Delivering content closer to users
- C. Running NoSQL database caching services
- D. Reducing traffic on the server by caching responses



- E. Sending notification messages to end users

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#### Question #68 Topic 1

Amazon Elastic Container Service (Amazon ECS) and Amazon DynamoDB are used by a firm to execute its mission-critical web application. Multiple times during the day, the workload jumps to up to ten times the regular level.

Which AWS Cloud feature helps the business to adapt to these demand changes?

- A. Agility
- B. Global reach
- C. Scalability
- D. Security

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#### Question #69 Topic 1

Which of the following tasks is the customer's duty under the shared responsibility model? (Select two.)

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

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#### Question #70 Topic 1

Which of the following are AWS obligations, according to the AWS shared responsibility model? (Select two.)

- A. Network infrastructure and virtualization of infrastructure
- B. Security of application data
- C. Guest operating systems
- D. Physical security of hardware
- E. Credentials and policies

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#### Question #71 Topic 1

What charges are included in the comparison of AWS vs on-premises Total Cost of Ownership (TCO)?

- A. Data center security
- B. Business analysis
- C. Project management
- D. Operating system administration

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#### Question #72Topic 1

Which AWS service supports MySQL and PostgreSQL as relational databases?

- A. Amazon Redshift
- B. Amazon DynamoDB
- C. Amazon Aurora
- D. Amazon Neptune

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#### Question #73Topic 1

Which AWS services is natively supported by AWS Snowball Edge?

- A. AWS Server Migration Service (AWS SMS)
- B. Amazon Aurora
- C. AWS Trusted Advisor
- D. Amazon EC2

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#### Question #74Topic 1

Which AWS shared responsibility controls are shared? (Select two.)

- A. Awareness and training
- B. Patching of Amazon RDS
- C. Configuration management
- D. Physical and environmental controls
- E. Service and communications protection or security

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#### Question #75Topic 1

After a single Availability Zone service disruption, a corporation must guarantee that the endpoint for a database instance stays the same. The program must continue database operations without human intervention from an administrator.

How are these stipulations to be met?

- A. Use multiple Amazon Route 53 routes to the standby database instance endpoint hosted on AWS Storage Gateway.
- B. Configure Amazon RDS Multi-Availability Zone deployments with automatic failover to the standby.
- C. Add multiple Application Load Balancers and deploy the database instance with AWS Elastic Beanstalk.
- D. Deploy a single Network Load Balancer to distribute incoming traffic across multiple Amazon CloudFront origins.

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#### Question #76Topic 1

Which costs must be addressed when comparing AWS Cloud vs on-premises Total Cost of Ownership? (Select two.)

- A. Software development
- B. Project management
- C. Storage hardware
- D. Physical servers
- E. Antivirus software license

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#### Question #77Topic 1

Which costs must be addressed when comparing AWS Cloud vs on-premises Total Cost of Ownership? (Select two.)

- A. Physical storage hardware
- B. Operating system administration
- C. Network infrastructure of data center
- D. Project management
- E. Database schema development

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#### Question #78Topic 1

Which AWS products anticipate future AWS expenses automatically?

- A. AWS Support Center
- B. AWS Total Cost of Ownership (TCO) Calculator
- C. AWS Simple Monthly Calculator
- D. Cost Explorer

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#### Question #79Topic 1

Which functionality may be utilized to prevent inadvertent overwrites or deletions of Amazon S3 buckets?

- A. Lifecycle policy
- B. Object versioning
- C. Server-side encryption
- D. Bucket ACL

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#### Question #80Topic 1

Amazon DynamoDB is used by a business in its AWS Cloud architecture.

Which of the following is a duty of the organization, according to the AWS shared responsibility model? (Select two.)

- A. Operating system patching and upgrades
- B. Application of appropriate permissions with IAM tools
- C. Configuration of data encryption options
- D. Creation of DynamoDB endpoints
- E. Infrastructure provisioning and maintenance

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#### Question #81Topic 1

Which of the following areas is the customer's duty under the shared responsibility model? (Select two.)

- A. Firmware upgrades of network infrastructure
- B. Patching of operating systems
- C. Patching of the underlying hypervisor
- D. Physical security of data centers
- E. Configuration of the security group

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#### Question #82Topic 1

Which AWS service or functionality is utilized by distributed applications to send text and email messages?

- 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)

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Question #83Topic 1

To achieve high availability, how many Availability Zones should computing resources be provided across?

- A. A minimum of one
- B. A minimum of two
- C. A minimum of three
- D. A minimum of four or more

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Question #84Topic 1

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

- A. Data encryption in transit
- B. Firmware updates on hardware
- C. Operating system patching on Amazon EC2 instances
- D. Data encryption at rest

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Question #85Topic 1

To boost availability, a user intends to create two more Amazon EC2 instances.

What should the user do?

- A. Launch the instances across multiple Availability Zones in a single AWS Region.
- B. Launch the instances as EC2 Reserved Instances in the same AWS Region and the same Availability Zone.
- C. Launch the instances in multiple AWS Regions, but in the same Availability Zone.
- D. Launch the instances as EC2 Spot Instances in the same AWS Region, but in different Availability Zones.

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Question #86Topic 1

What are the customer's duties under the AWS shared responsibility model? (Select two.)

- A. Physical and environmental security
- B. Physical network devices including firewalls
- C. Storage device decommissioning
- D. Security of data in transit
- E. Data integrity authentication

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Question #87Topic 1

How can customers minimize the amount of time they spend patching their operating systems by migrating to the AWS Cloud? (Select two.)

- A. Users can take advantage of managed services on AWS.
- B. Users can outsource operating system patching to the AWS Support team.
- C. AWS Professional Services will upgrade instances to the latest operating system versions.
- D. Users have the ability to use license-included Amazon EC2 instances.
- E. Users can take advantage of AWS Systems Manager features.

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Question #88Topic 1

In the case of an environmental disruption, a company needs to make sure its infrastructure is structured for fault tolerance and business continuity.

Which parts of the AWS architecture should the organization replicate?

- A. Edge locations
- B. Availability Zones
- C. Regions
- D. Amazon Route 53

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Question #89Topic 1

According to which AWS cloud design guideline, systems should minimize their interdependence?

- A. Scalability
- B. Services, not servers
- C. Removing single points of failure
- D. Loose coupling

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Question #90Topic 1

Which tasks need the root user credentials for an AWS account? (Select two.)

- A. Creating an Amazon EC2 key pair
- B. Removing an IAM user from the administrators group
- C. Changing the AWS Support plan
- D. Creating an Amazon CloudFront key pair
- E. Granting an IAM user full administrative access

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#### Question #91Topic 1

An administrator must fast install and begin utilizing a popular IT product.

What resources are available to the administrator?

- A. AWS Well-Architected Framework documentation
- B. Amazon CloudFront
- C. AWS CodeCommit
- D. AWS Quick Start reference deployments

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#### Question #92Topic 1

Which solution enables users in various AWS Regions to have the FASTEST application response times for frequently requested data?

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

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#### Question #93Topic 1

Which qualities make AWS Cloud computing advantageous? (Select two.)

- A. A 100% service level agreement (SLA) for all AWS services
- B. Compute capacity that is adjusted on demand
- C. Availability of AWS Support for code development
- D. Enhanced security
- E. Increases in cost and complexity

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#### Question #94Topic 1

A corporation anticipates a brief increase in internet traffic for their application. The program cannot be interrupted during the traffic spike. In addition, the organization must reduce costs while increasing flexibility.

To achieve these needs, which Amazon EC2 instance type should the organization use?

- A. On-Demand Instances
- B. Spot Instances

- C. Reserved Instances
- D. Dedicated Hosts

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#### Question #95Topic 1

An Amazon RDS database instance is deployed across several Availability Zones.

Which pillar of the AWS Well-Architected Framework is included in this strategy?

- A. Performance efficiency
- B. Reliability
- C. Cost optimization
- D. Security

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#### Question #96Topic 1

Amazon EC2, an Elastic Load Balancer, and Amazon RDS are all components of an architectural design.

What is the BEST method for estimating the monthly cost of this architecture?

- A. Open an AWS Support case, provide the architecture proposal, and ask for a monthly cost estimation.
- B. Collect the published prices of the AWS services and calculate the monthly estimate.
- C. Use the AWS Simple Monthly Calculator to estimate the monthly cost.
- D. Use the AWS Total Cost of Ownership (TCO) Calculator to estimate the monthly cost.

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#### Question #97Topic 1

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

- A. Maintain the security of the AWS Cloud.
- B. Configure firewalls and networks.
- C. Patch the operating system of Amazon RDS instances.
- D. Implement physical and environmental controls.

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#### Question #98Topic 1

On Amazon EC2, a business hosts a web application in a Docker container.

Which of the following duties is AWS in charge of?



- A. Scaling the web application and services developed with Docker
- B. Provisioning or scheduling containers to run on clusters and maintain their availability
- C. Performing hardware maintenance in the AWS facilities that run the AWS Cloud
- D. Managing the guest operating system, including updates and security patches

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#### Question #99 Topic 1

What are the AWS Cloud's advantages? (Select two.)

- A. Fixed rate monthly cost
- B. No need to guess capacity requirements
- C. Increased speed to market
- D. Increased upfront capital expenditure
- E. Physical access to cloud data centers

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#### Question #100 Topic 1

An Elastic Load Balancer, numerous Amazon EC2 instances, and Amazon RDS are used to run a web application on AWS.

Which security measures are AWS's responsibility? (Select two.)

- A. Running a virus scan on EC2 instances
- B. Protecting against IP spoofing and packet sniffing
- C. Installing the latest security patches on the RDS instance
- D. Encrypting communication between the EC2 instances and the Elastic Load Balancer
- E. Configuring a security group and a network access control list (NACL) for EC2 instances

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#### Question #101 Topic 1

Which AWS service or feature facilitates the purchase and deployment of third-party software by providing an online, managed software catalog?

- A. AWS Support
- B. AWS Marketplace
- C. Amazon EC2 private Amazon Machine Images (AMIs)
- D. AWS reseller programs

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#### Question #102Topic 1

A business wishes to improve its capacity for infrastructure recovery in the event of a natural catastrophe.

This capability corresponds to which pillar of the AWS Well-Architected Framework?

- A. Cost optimization
- B. Performance efficiency
- C. Reliability
- D. Security

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#### Question #103Topic 1

A business may be required to operate its workload exclusively in its on-premises data center due to performance and regulatory limitations.

Which Amazon Web Services (AWS) services or resources should the business utilize? (Select two.)

- A. Amazon Pinpoint
- B. Amazon WorkLink
- C. AWS Outposts
- D. AWS Snowball Edge
- E. AWS AppSync

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#### Question #104Topic 1

For security reasons, a business demands an isolated environment inside AWS.

Which course of action is necessary to achieve 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.

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#### Question #105Topic 1

How do Amazon's massive economies of scale help customers?

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

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Question #106Topic 1

When utilizing the AWS Command Line Interface (AWS CLI), which of the following Identity and Access Management (IAM) entities is connected with an access key ID and secret access key?

- A. IAM group
- B. IAM user
- C. IAM role
- D. IAM policy

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Question #107Topic 1

What is AWS's sole obligation under the AWS shared responsibility model?

- A. Application security
- B. Edge location management
- C. Patch management
- D. Client-side data

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Question #108Topic 1

Which component of the AWS architecture permits global computing and storage deployment?

- A. Availability Zones
- B. Regions
- C. Tags
- D. Resource groups

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Question #109Topic 1

Which of the following is a design concept associated with dependability in the AWS Well-Architected Framework?

- A. Deployment to a single Availability Zone
- B. Ability to recover from failure
- C. Design for cost optimization
- D. Perform operations as code

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Question #110Topic 1

Which activity is entirely the user's responsibility while executing workloads on AWS?

- A. Patching the infrastructure components
- B. Implementing controls to route application traffic
- C. Maintaining physical and environmental controls
- D. Maintaining the underlying infrastructure components

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#### Question #111Topic 1

Which statement best describes the AWS Cloud's agility?

- A. Agility gives users the ability to host applications in multiple AWS Regions around the world.
- B. Agility gives users the ability to pay upfront to reduce cost.
- C. Agility provides customizable physical hardware at the lowest possible cost.
- D. Agility provides the means for users to provision resources in minutes.

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#### Question #112Topic 1

Which AWS product or service enables businesses to monitor and classify their expenditure at a precise level?

- A. Cost allocation tags
- B. Consolidated billing
- C. AWS Budgets
- D. AWS Marketplace

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#### Question #113Topic 1

Which AWS service is responsible for monitoring the health of your applications automatically?

- A. Amazon API Gateway
- B. AWS Elastic Beanstalk
- C. AWS Lambda
- D. AWS Config

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#### Question #114Topic 1

A user is developing a service that adheres to the AWS Well-Architected Framework's operational excellence pillar.

Which design concept is the user to adhere to?

- A. Anticipate failure
- B. Make large-scale changes
- C. Perform manual operations
- D. Create static operational procedures

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#### Question #115Topic 1

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

- A. Project management
- B. Antivirus software licensing
- C. Data center security
- D. Software development

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#### Question #116Topic 1

Which design concept is fulfilled by adhering to the AWS Well-Architected Framework's dependability pillar?

- A. Vertical scaling
- B. Manual failure recovery
- C. Testing recovery procedures
- D. Changing infrastructure manually

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#### Question #117Topic 1

Which AWS service or functionality can assist a business in determining if it has publicly accessible Amazon S3 buckets?

- A. AWS Service Health Dashboard
- B. Amazon CloudWatch Logs
- C. AWS Trusted Advisor
- D. AWS Service Catalog

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#### Question #118Topic 1

Seasonal sales surges occur many times a year for an online retailer, most notably during the holidays. At other times of year, demand is lower. The corporation has difficulty forecasting the seasonal increase in infrastructure demand.

Which benefits of migrating to the AWS Cloud would be the most beneficial to the business? (Select two.)

- A. Global footprint
- B. Elasticity
- C. AWS service quotas
- D. AWS shared responsibility model
- E. Pay-as-you-go pricing

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#### Question #119Topic 1

Which concepts of AWS Cloud architecture may assist boost reliability? (Select two.)

- A. Using monolithic architecture
- B. Measuring overall efficiency
- C. Testing recovery procedures
- D. Adopting a consumption model
- E. Automatically recovering from failure

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#### Question #120Topic 1

Which sort of storage does Amazon Elastic File System (Amazon EFS) and Amazon FSx provide?

- A. File storage
- B. Object storage
- C. Block storage
- D. Instance store

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#### Question #121Topic 1

Which AWS service enables customers to view AWS compliance control reports on-demand and self-service?

- A. AWS Config
- B. Amazon GuardDuty
- C. AWS Trusted Advisor
- D. AWS Artifact

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#### Question #122Topic 1

What may aid in the evaluation of a cloud-based application? (Select two.)

- A. AWS Trusted Advisor
- B. AWS Professional Services
- C. AWS Systems Manager
- D. AWS Partner Network (APN)
- E. AWS Secrets Manager

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#### Question #123Topic 1

Which AWS service enables expense control across numerous AWS accounts effectively?

- A. AWS Organizations
- B. AWS Trusted Advisor
- C. AWS Direct Connect
- D. Amazon Connect

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#### Question #124Topic 1

A company's on-premises servers and the AWS Cloud need a dedicated network connection.

Which Amazon Web Services (AWS) service should be used?

- A. AWS VPN
- B. AWS Direct Connect
- C. Amazon API Gateway
- D. Amazon Connect

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#### Question #125Topic 1

On-premises resources have been underused by a user.

Which AWS Cloud idea is optimal for resolving this issue?

- A. High availability
- B. Elasticity
- C. Security
- D. Loose coupling

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#### Question #126Topic 1

Which of the following advantages does Amazon Relational Database Service (Amazon RDS) provide over conventional database management?

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

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#### Question #127Topic 1

A cloud practitioner has a seldom run data analysis job that can be stopped without causing damage.

Which Amazon EC2 purchase option should be utilized to maximize cost savings?

- A. On-Demand Instances
- B. Reserved Instances
- C. Spot Instances
- D. Dedicated Hosts

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#### Question #128Topic 1

What are the advantages of AWS Cloud service billing consolidation? (Select two.)

- A. Volume discounts
- B. A minimal additional fee for use
- C. One bill for multiple accounts
- D. Installment payment options
- E. Custom cost and usage budget creation

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#### Question #129Topic 1

Which Amazon EC2 instance type is necessary when a user wishes to use their current per-socket, per-core, or per-virtual machine software licenses on a Microsoft Windows server operating on AWS?

- A. Spot Instances
- B. Dedicated Instances
- C. Dedicated Hosts
- D. Reserved Instances

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#### Question #130Topic 1



When users connect to a website with a worldwide consumer base, they report experiencing delay.

Which Amazon Web Services (AWS) offering will enhance the user experience by lowering latency?

- A. Amazon CloudFront
- B. AWS Direct Connect
- C. Amazon EC2 Auto Scaling
- D. AWS Transit Gateway

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Question #131Topic 1

Which capabilities or services are available for monitoring an AWS account's charges and expenses? (Select two.)

- A. AWS Cost and Usage report
- B. AWS product pages
- C. AWS Simple Monthly Calculator
- D. Billing alerts and Amazon CloudWatch alarms
- E. AWS Price List API

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Question #132Topic 1

Which service enables users to store data in the Amazon Web Services cloud?

- A. Amazon EFS
- B. Amazon Redshift
- C. Amazon RDS
- D. Amazon VPC

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Question #133Topic 1

Which AWS service or product enables an organization to automate the delivery of application changes?

- A. Amazon AppFlow
- B. AWS CodeDeploy
- C. AWS PrivateLink
- D. Amazon EKS Distro

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Question #134Topic 1

A corporation wishes to minimize the physical footprint of the computing resources used by developers to execute programs.

Which service would enable serverless architectures to address this need?

- A. Amazon Elastic Compute Cloud (Amazon EC2)
- B. AWS Lambda
- C. Amazon DynamoDB
- D. AWS CodeCommit

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Question #135Topic 1

A Load Balancer Elastic enables online traffic to be distributed across multiple:

- A. AWS Regions.
- B. Availability Zones.
- C. Dedicated Hosts.
- D. Amazon S3 buckets.

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Question #136Topic 1

What is AWS Storage Gateway's purpose?

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

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Question #137Topic 1

How can a client anticipate future expenses associated with the operation of a new web application?

- A. Amazon Aurora Backtrack
- B. Amazon CloudWatch Billing Alarms
- C. AWS Simple Monthly Calculator
- D. AWS Cost and Usage report

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Question #138Topic 1

The term "fault tolerance" relates to the following:

- A. the ability of an application to accommodate growth without changing design
- B. how well and how quickly an application's environment can have lost data restored
- C. how secure your application is
- D. the built-in redundancy of an application's components

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#### Question #139Topic 1

Which AWS service enables conventional SQL queries against stored datasets straight from Amazon S3?

- A. AWS Glue
- B. AWS Data Pipeline
- C. Amazon CloudSearch
- D. Amazon Athena

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#### Question #140Topic 1

A startup is developing a new application that must be launched immediately. In the near future, the application criteria may need to be changed.

Which of the following is an AWS Cloud feature that would fulfill this particular requirement?

- A. Elasticity
- B. Reliability
- C. Performance
- D. Agility

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#### Question #141Topic 1

Which AWS service must be enabled in order for the AWS Management Console to monitor all user account changes?

- A. AWS CloudTrail
- B. Amazon Simple Notification Service (Amazon SNS)
- C. VPC Flow Logs
- D. AWS CloudHSM

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#### Question #142Topic 1

Recently, an ecommerce firm began using the AWS Cloud.

Which security-related responsibilities fall within the purview of the business? (Select two.)

- A. Restrict who is allowed physical access to the hosts that run the company's Amazon EC2 instances.
- B. Install security patches on Amazon EC2 Linux instances.
- C. Choose to encrypt data at rest that is stored on Amazon S3.
- D. Wipe Amazon Elastic Block Store (Amazon EBS) volumes clean before they are decommissioned.
- E. Conduct database patching for Amazon RDS instances.

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#### Question #143Topic 1

A business needs to guarantee that users of the AWS Management Console adhere to password complexity guidelines.

How can a business customize the difficulty of its passwords?

- A. Using an AWS IAM user policy
- B. Using an AWS Organizations service control policy (SCP)
- C. Using an AWS IAM account password policy
- D. Using an AWS Security Hub managed insight

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#### Question #144Topic 1

Which AWS service would determine if a security group has granted unlimited access to a resource?

- A. AWS Trusted Advisor
- B. Amazon CloudWatch
- C. VPC Flow Logs
- D. AWS CloudTrail

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#### Question #145Topic 1

Which features are available to users while use AWS KMS?

- A. Create and manage AWS access keys for the AWS account root user
- B. Create and manage AWS access keys for an AWS account IAM user
- C. Create and manage keys for encryption and decryption of data
- D. Create and manage keys for multi-factor authentication

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#### Question #146Topic 1

On Amazon EC2 instances, a business has installed various relational databases. Each month, the database software manufacturer publishes new security updates for databases that must be deployed.

Which method is the MOST EFFECTIVE for applying security patches?

- A. Connect to each database instance on a monthly basis, and download and apply the necessary security patches from the vendor.
- B. Enable automatic patching for the instances using the Amazon RDS console.
- C. In AWS Config, configure a rule for the instances and the required patch level.
- D. Use AWS Systems Manager to automate database patching according to a schedule.

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#### Question #147Topic 1

A business is releasing a new application on AWS. The application will be hosted on an Amazon Elastic Compute Cloud (EC2) instance. Additional EC2 instances will be required as the demand grows.

Which AWS service or technology can the business utilize to deploy the required number of EC2 instances?

- A. Elastic Load Balancing
- B. Amazon EC2 Auto Scaling
- C. AWS App2Container (A2C)
- D. AWS Systems Manager

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#### Question #148Topic 1

What does it mean to provide AWS IAM users the fewest possible privileges?

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

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#### Question #149Topic 1

When building an Amazon Relational Database Service (Amazon RDS) instance in Multiple Availability Zone mode, which architectural concept is followed?

- A. Implement loose coupling.
- B. Design for failure.

- C. Automate everything that can be automated.
- D. Use services, not servers.

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#### Question #150Topic 1

What is a user's responsibility while using the AWS Cloud to execute an application?

- A. Managing physical hardware
- B. Updating the underlying hypervisor
- C. Providing a list of users approved for data center access
- D. Managing application software updates

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#### Question #151Topic 1

Which of the following statements concerning AWS's worldwide infrastructure is true?

- A. Availability Zones can span multiple AWS Regions.
- B. A VPC can have different subnets in different AWS Regions.
- C. AWS Regions consist of multiple Availability Zones.
- D. A single subnet can span multiple Availability Zones.

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#### Question #152Topic 1

A business wishes to link AWS to its corporate network through a private network connection.

Which Amazon Web Services (AWS) service or functionality will satisfy this requirement?

- A. Amazon Connect
- B. Amazon Route 53
- C. AWS Direct Connect
- D. VPC peering

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#### Question #153Topic 1

Which of the following may be used to restrict certain users' access to Amazon Simple Storage Service (Amazon S3) buckets?

- A. A public and private key-pair
- B. Amazon Inspector
- C. AWS Identity and Access Management (IAM) policies

- D. Security Groups

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#### Question #154Topic 1

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

- A. Reduce downtime by making infrastructure changes infrequently and in large increments.
- B. Invest the time to configure infrastructure manually.
- C. Learn to improve from operational failures.
- D. Use monolithic application design for centralization.

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#### Question #155Topic 1

Which AWS service enables a business to identify and reroute customers to other servers in the event of a website server outage?

- A. Amazon CloudFront
- B. Amazon GuardDuty
- C. Amazon Route 53
- D. AWS Trusted Advisor

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#### Question #156Topic 1

A organization with an AWS Support plan for developers established an Amazon RDS database but is unable to connect to it.

To get this degree of help, who should the developer contact?

- A. AWS Support using a support case
- B. AWS Professional Services
- C. AWS technical account manager
- D. AWS consulting partners

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#### Question #157Topic 1

Which AWS service enables you to monitor and debug distributed applications end-to-end?

- A. AWS Cloud9
- B. AWS CodeStar
- C. AWS Cloud Map
- D. AWS X-Ray

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Question #158Topic 1

Which AWS shared responsibility model duties are the customer's responsibility? (Select two.)

- A. Infrastructure facilities access management
- B. Cloud infrastructure hardware lifecycle management
- C. Configuration management of user's applications
- D. Networking infrastructure protection
- E. Security groups configuration

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Question #159Topic 1

Which AWS Cloud service gives tips on how to optimize an AWS account's performance?

- A. Amazon Inspector
- B. AWS Trusted Advisor
- C. Amazon CloudWatch
- D. AWS CloudTrail

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Question #160Topic 1

Which variables impact AWS Cloud costs? (Select two.)

- A. The number of unused AWS Lambda functions
- B. The number of configured Amazon S3 buckets
- C. Inbound data transfers without acceleration
- D. Outbound data transfers without acceleration
- E. Compute resources that are currently in use

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Question #161Topic 1

A corporation is required by law to track and assess configuration changes to AWS resources, as well as to conduct corrective steps.

Which Amazon Web Services (AWS) service should the business use?

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



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Question #162Topic 1

Which AWS service should be utilized to store data backups for an extended period of time at a reasonable cost?

- A. Amazon RDS
- B. Amazon Glacier
- C. AWS Snowball
- D. AWS EBS

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Question #163Topic 1

What does the AWS Cloud bring clients in terms of increased execution speed and agility? (Select two.)

- A. Readily available resources with low provisioning times
- B. Scalable compute capacity
- C. Free Tier services usage
- D. Access to AWS data centers
- E. Lower resource provisioning cost

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Question #164Topic 1

A retailer wishes to supply just the resources required to meet current demand.

Which cloud advantage is the organization attempting to accomplish with this objective?

- A. Reliability
- B. Global reach
- C. Scalability
- D. High availability

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Question #165Topic 1

What storage capabilities does Amazon S3 Intelligent-Tiering provide?

- A. Payment flexibility by reserving storage capacity
- B. Long-term retention of data by copying the data to an encrypted Amazon Elastic Block Store (Amazon EBS) volume
- C. Automatic cost savings by moving objects between tiers based on access pattern changes
- D. Secure, durable, and lowest cost storage for data archival

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Question #166Topic 1

A business wishes to transfer its apps to an AWS VPC. These apps will need access to resources located on-premises.

Which combination of activities will allow the business to achieve this objective? (Select two.)

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

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Question #167Topic 1

What is the most effective approach to link an on-premises network to numerous VPCs located in separate AWS Regions?

- A. Use AWS Direct Connect
- B. Use AWS VPN
- C. Use AWS Client VPN
- D. Use an AWS Transit Gateway

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Question #168Topic 1

Multiple Regions of the AWS Cloud are an example of:

- A. agility.
- B. global infrastructure.
- C. elasticity.
- D. pay-as-you-go pricing.

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Question #169Topic 1

Which AWS service does Chef and Puppet utilize to automate configuration management?

- A. AWS Config
- B. AWS OpsWorks
- C. AWS CloudFormation

- D. AWS Systems Manager

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#### Question #170Topic 1

A corporation want to remove the necessity for pre-deployment estimation of infrastructure capacity. Additionally, the corporation want to spend its money on cloud resources only when the resources are used.

Which AWS Cloud feature best meets your business's needs?

- A. Reliability
- B. Global reach
- C. Economies of scale
- D. Pay-as-you-go pricing

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#### Question #171Topic 1

SQL injection attacks are being launched against an application from a variety of external locations.

Which AWS service or functionality can assist in automating response to these attacks?

- A. AWS WAF
- B. Security groups
- C. Elastic Load Balancer
- D. Network ACL

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#### Question #172Topic 1

Which feature enables Amazon EC2 instances to be more elastic in response to changing workload demand?

- A. Resource groups
- B. Lifecycle policies
- C. Application Load Balancer
- D. Amazon EC2 Auto Scaling

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#### Question #173Topic 1

What time-saving benefits can Amazon Rekognition provide?

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

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#### Question #174Topic 1

A corporation want to migrate petabytes of data from on-premises sites to the AWS Cloud as rapidly as feasible.

Which Amazon Web Services (AWS) service should the business use?

- A. AWS Snowball
- B. AWS Global Accelerator
- C. Amazon S3 Transfer Acceleration
- D. Amazon Connect

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#### Question #175Topic 1

Where should a business go to locate, test, purchase, and deploy software that works on AWS?

- A. AWS Marketplace
- B. Amazon Lumberyard
- C. AWS Artifact
- D. Amazon CloudSearch

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#### Question #176Topic 1

A business's user base is worldwide in scope. The organization need a highly available application with reduced latency for end users.

Which AWS architecture approach will meet these criteria the MOST EFFECTIVELY?

- A. Single-Region, Multi-AZ architecture
- B. Multi-Region, active-active architecture
- C. Multi-Region, active-passive architecture
- D. Single-Region, Single-AZ architecture

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#### Question #177Topic 1

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

- 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

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#### Question #178Topic 1

How can a user safeguard against AWS service outages in the event of a widespread natural disaster?

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

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#### Question #179Topic 1

What is an example of a cloud-based application that is decoupled, scalable, and scalable?

- A. A mail and log application that runs on a single Amazon EC2 instance
- B. A webpage that is hosted on Amazon S3 and uses AWS Lambda to update an Amazon DynamoDB database
- C. An Application Load Balancer, web server, and database server that support a monolithic application
- D. A legacy database server that is running on the maximum instance size supported by its license

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#### Question #180Topic 1

A client has many AWS accounts, each with its own billing.

How can the client benefit from bulk savings while minimizing the effect on AWS resources?

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

#### Question #181Topic 1

A business must keep its data near to its core consumers.

Which AWS Cloud advantage satisfies this requirement?

- A. Security
- B. High availability
- C. Elasticity
- D. Global footprint

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#### Question #182Topic 1

Who is responsible for the virtualization layer down to the physical security of the facilities in which AWS services operate under the AWS shared responsibility model?

- A. It is the sole responsibility of the customer.
- B. It is the sole responsibility of AWS.
- C. It is a shared responsibility between AWS and the customer.
- D. The customer's AWS Support plan tier determines who manages the configuration.

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#### Question #183Topic 1

A company's managed IAM policy does not allow users the rights essential to do needed activities.

How is this situation to be resolved?

- A. Enable AWS Shield Advanced
- B. Create a custom IAM policy
- C. Use a third-party web application firewall (WAF) managed rule from the AWS Marketplace
- D. Use AWS Key Management Service (AWS KMS) to create a customer-managed key

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#### Question #184Topic 1

A business wishes to strengthen its security and audit posture by restricting incoming access to Amazon EC2.

What should the organization use instead of opening incoming SSH ports and handling SSH keys to remotely access instances?

- A. EC2 key pairs
- B. AWS Systems Manager Session Manager
- C. AWS Identity and Access Management (IAM)
- D. Network ACLs

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#### Question #185Topic 1

Which scenarios warrant the utilization of Amazon EC2 Spot Instances?

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

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#### Question #186Topic 1

A business must transmit time-sensitive communications to a large number of subscribers using a push technique.

Which Amazon Web Services (AWS) service should the business use?

- A. Amazon Kinesis
- B. Amazon MQ
- C. Amazon Simple Queue Service (Amazon SQS)
- D. Amazon Simple Notification Service (Amazon SNS)

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#### Question #187Topic 1

Which tasks need access to the root user of the AWS account? (Select two.)

- A. Changing an AWS Support plan
- B. Modifying an Amazon EC2 instance type
- C. Grouping resources in AWS Systems Manager
- D. Running applications in Amazon Elastic Kubernetes Service (Amazon EKS)
- E. Closing an AWS account

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#### Question #188Topic 1

Which AWS Cloud best practice makes advantage of cloud computing's flexibility and agility?

- A. Provision capacity based on past usage and theoretical peaks
- B. Dynamically and predictively scale to meet usage demands
- C. Build the application and infrastructure in a data center that grants physical access
- D. Break apart the application into loosely coupled components

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#### Question #189Topic 1

Users of Amazon Route 53 are able to:

- A. encrypt data in transit
- B. register DNS domain names
- C. generate and manage SSL certificates
- D. establish a dedicated network connection to AWS

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#### Question #190Topic 1

Which characteristic of the Amazon Virtual Private Cloud (Amazon VPC) allows customers to link two VPCs?

- A. Amazon VPC endpoints
- B. Amazon Elastic Compute Cloud (Amazon EC2) ClassicLink
- C. Amazon VPC peering
- D. AWS Direct Connect

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#### [Reveal Solution](#) [Discussion](#) 7Question #191Topic 1

Multiple Amazon EC2 instances are used to host an application. The program sends messages using Amazon Simple Notification Service (Amazon SNS).

Which AWS service or feature grants authorization for the application to access needed AWS services?

- A. AWS Certificate Manager (ACM)
- B. IAM roles
- C. AWS Security Hub
- D. Amazon GuardDuty

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#### Question #192Topic 1

A business is contemplating migrating to the AWS Cloud. The firm wishes to be able to scale its computing capacity in response to changing demand conditions.

Which AWS Cloud advantage does this case illustrate?

- A. Global deployments in minutes
- B. Cost savings



- C. Agility
- D. Elasticity

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#### Question #193Topic 1

Which of the following is a NoSQL database service that is both quick and dependable?

- A. Amazon Redshift
- B. Amazon RDS
- C. Amazon DynamoDB
- D. Amazon S3

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#### Question #194Topic 1

A client wants to develop and construct a new workload on AWS Cloud but lacks the necessary technical skills in AWS-related technologies.

Which of the following AWS programs may a client use to accomplish that goal?

- A. AWS Partner Network Technology Partners
- B. AWS Marketplace
- C. AWS Partner Network Consulting Partners
- D. AWS Service Catalog

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#### Question #195Topic 1

Which AWS solution enables rapid setup and management of a new multi-account AWS environment?

- A. AWS Trusted Advisor
- B. AWS Security Hub
- C. AWS Control Tower
- D. AWS Resource Access Manager

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#### Question #196Topic 1

Which operation needs the usage of the root account user credentials for the AWS account?

- A. Closing an AWS account
- B. Creating a log file
- C. Modifying IAM user permissions
- D. Deleting IAM users

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Question #197Topic 1

On Amazon EC2 instances, a business is operating and controlling its own Docker environment. Alternate is desired to assist in managing cluster size, scheduling, and environment management.

Which AWS service satisfies these criteria?

- A. AWS Lambda
- B. Amazon RDS
- C. AWS Fargate
- D. Amazon Athena

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Question #198Topic 1

Which AWS situations exemplify the idea of elasticity? (Select two.)

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

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Question #199Topic 1

Which of the following are advantages of using the AWS Cloud to host infrastructure? (Select two.)

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

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Question #200Topic 1

Which of the following are benefits of Amazon Web Services' cloud computing platform? (Select two.)

- A. AWS manages the maintenance of the cloud infrastructure
- B. AWS manages the security of applications built on AWS
- C. AWS manages capacity planning for physical servers

- D. AWS manages the development of applications on AWS
- E. AWS manages cost planning for virtual servers

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#### Question #201Topic 1

Which AWS service enables infrastructure as code management?

- A. AWS CodePipeline
- B. AWS CodeDeploy
- C. AWS Direct Connect
- D. AWS CloudFormation

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#### Question #202Topic 1

How might AWS help a business manage costs when an application's consumption varies unpredictably?

- A. AWS will refund the cost difference if a customer moves to larger servers.
- B. The application can be built to scale up or down automatically as resources are needed
- C. Spot instances will automatically be used if the price is lower than on-demand instances.
- D. Amazon CloudWatch will automatically predict what resources are needed.

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#### Question #203Topic 1

What are the benefits of deploying an application across various Availability Zones using Amazon EC2 instances? (Select two.)

- A. Preventing a single point of failure
- B. Reducing the operational costs of the application
- C. Allowing the application to serve cross-region users with low latency
- D. Increasing the availability of the application
- E. Increasing the load of the application

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#### Question #204Topic 1

A business wishes to downsize its infrastructure in order to save money.  
At what stages should a business downsize? (Select two.)

- A. Rightsize before a migration occurs to the cloud.
- B. Rightsize continuously after the cloud onboarding process.
- C. Rightsize when AWS Support calls and explains that rightsizing is needed.
- D. Rightsize when seasonal workloads are at their peak.
- E. Rightsize after purchasing all Reserved Instances.

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#### Question #205Topic 1

AWS Budgets may be used for the following purposes:

- A. prevent a given user from creating a resource
- B. send an alert when the utilization of Reserved Instances drops below a certain percentage
- C. set resource limits in AWS accounts to prevent overspending
- D. split an AWS bill across multiple forms of payment

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#### Question #206Topic 1

What are the advantages of unified billing for Amazon Web Services accounts?

- A. Access to AWS Personal Health Dashboard
- B. Combined usage volume discounts
- C. Improved account security
- D. Centralized AWS IAM

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#### Question #207Topic 1

A corporation want to connect to AWS from a distant office through a private, low-latency connection.

Which strategy is advised for meeting these requirements?

- A. Create a VPN tunnel
- B. Connect across the public internet
- C. Use VPC peering to create a connection.
- D. Use AWS Direct Connect.

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#### Question #208Topic 1

Which Amazon EC2 pricing model is dynamically adjusted in response to EC2 instance availability and demand?

- A. On-Demand Instances
- B. Reserved Instances
- C. Spot Instances
- D. Convertible Reserved Instances

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#### Question #209Topic 1

Which service should a client utilize to integrate and manage several Amazon Web Services accounts centrally?

- A. AWS IAM
- B. AWS Organizations
- C. AWS Schema Conversion Tool
- D. AWS Config

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#### Question #210Topic 1

Which choices do users have when contacting AWS Support? (Select two.)

- A. Create an email case in the AWS Support Center.
- B. Visit a local AWS Support Center.
- C. Use live chat functionality.
- D. Call the customer service phone number.
- E. Use the video conference functionality of the AWS Support console.

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#### Question #211Topic 1

A business must track and anticipate AWS expenditures and use. Additionally, the organization must configure event-driven alert alerts that are triggered when expenditure limitations are exceeded.

Which Amazon Web Services (AWS) offering or technology should the business employ to achieve these requirements?

- A. AWS Budgets
- B. Amazon CloudWatch
- C. AWS Config
- D. AWS Service Catalog

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Question #212Topic 1

Which of the following IT functions does AWS do in order to relieve a business of its responsibility for managing its IT resources? (Select two.)

- A. Configuring operating system firewalls
- B. Setting up access controls for data
- C. Backing up databases
- D. Configuring database user accounts
- E. Installing operating systems

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Question #213Topic 1

Which AWS technologies aid in cost estimation? (Select three.)

- A. Detailed billing report
- B. Cost allocation tags
- C. AWS Simple Monthly Calculator
- D. AWS Total Cost of Ownership (TCO) Calculator
- E. Cost Estimator

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Question #214Topic 1

In comparison to conventional and virtualized data center prices, AWS offers the following:

- A. greater variable costs and greater upfront costs.
- B. fixed usage costs and lower upfront costs.
- C. lower variable costs and greater upfront costs.
- D. lower variable costs and lower upfront costs.

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Question #215Topic 1

Which situations should the AWS Abuse team be notified about?

- A. In Availability Zone has a service disruption
- B. An intrusion attempt is made from an AWS IP address
- C. A user has trouble accessing an Amazon S3 bucket from an AWS IP address
- D. A user needs to change payment methods due to a compromise

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Question #216Topic 1

Which AWS feature should a client exploit to ensure an application's high availability?

- A. AWS Direct Connect
- B. Availability Zones
- C. Data centers
- D. Amazon Virtual Private Cloud (Amazon VPC)

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#### Question #217Topic 1

How might an AWS client implement common access restrictions to a big group of users easily?

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

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#### Question #218Topic 1

A business need software solutions that are either hosted on the AWS platform or are linked with it. Independent software providers, as well as management and security vendors, are required to provide solutions.

Which organization or team is capable of providing these solutions?

- A. AWS technical account managers (TAMs)
- B. AWS Partner Network (APN) Consulting Partners
- C. AWS Concierge Support
- D. AWS Partner Network (APN) Technology Partners

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#### Question #219Topic 1

Which AWS services are available for application deployment? (Select two.)

- A. AWS Elastic Beanstalk
- B. AWS Config
- C. AWS OpsWorks
- D. AWS Application Discovery Service
- E. Amazon Kinesis

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#### Question #220Topic 1

Which responsibility do customers bear while using Amazon EC2? (Select two.)

- A. Underlying hardware maintenance
- B. File-system-level encryption
- C. Guest operating system firewall configuration
- D. Hypervisor-level software patching
- E. Physical security at data center facilities

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#### Question #221Topic 1

A business needs handle a huge volume of data from social network accounts using high-throughput graphical queries.

Which AWS service will assist the business in developing a cloud architecture that satisfies these criteria?

- A. Amazon RDS
- B. Amazon DynamoDB
- C. Amazon Neptune
- D. Amazon Redshift

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#### Question #222Topic 1

Which AWS service enables the use of the AWS Cloud to host a NoSQL database?

- A. Amazon Aurora
- B. Amazon DynamoDB
- C. Amazon RDS
- D. Amazon Redshift

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#### Question #223Topic 1

A business is consolidating many apps into a single Amazon Web Services (AWS) account. The organization wishes to keep track of the AWS Cloud fees paid by individual applications.

What can the business do to ensure compliance with this requirement?

- A. Set up invoiced billing.
- B. Use AWS Artifact.
- C. Set the budgets in Cost Explorer.
- D. Create cost allocation tags.



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Question #224Topic 1

On an Amazon EC2 instance, a batch job takes 5 hours to complete. Monthly, the quantity of data to be processed doubles, and the time required to process it is proportionate.

What is the optimal cloud architecture for meeting this escalating demand?

- A. Run the application on a bigger EC2 instance size.
- B. Switch to an EC2 instance family that better matches batch requirements.
- C. Distribute the application across multiple EC2 instances and run the workload in parallel.
- D. Run the application on a bare metal EC2 instance.

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Question #225Topic 1

How can AWS Trusted Advisor assist AWS Cloud users? (Select two.)

- A. It identifies software vulnerabilities in applications running on AWS
- B. It provides a list of cost optimization recommendations based on current AWS usage
- C. It detects potential security vulnerabilities caused by permissions settings on account resources
- D. It automatically corrects potential security issues caused by permissions settings on account resources
- E. It provides proactive alerting whenever an Amazon EC2 instance has been compromised

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Question #226Topic 1

Which AWS function will assist users in determining the CPU capacity of an application running on an Amazon EC2 instance?

- A. Amazon CloudWatch
- B. AWS Config
- C. AWS CloudTrail
- D. Amazon Inspector

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Question #227Topic 1

A user may create a master payer account in order to access aggregated billing data via:

- A. AWS Budgets.
- B. Amazon Macie.

- C. Amazon QuickSight.
- D. AWS Organizations.

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#### Question #228Topic 1

Every few years, a business invests several months in modernizing its on-premises infrastructure. The organization wishes to shorten the time required for infrastructure purchase by shifting to the AWS Cloud.

What is the primary advantage of transferring this use case to the AWS Cloud?

- A. AWS will help move the existing hardware to the AWS data centers.
- B. The company will have increased agility with on-demand access to IT resources.
- C. Enterprise support will be available to help with recurring application installation and setup.
- D. The company will experience less downtime with Multi-AZ deployments.

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#### Question #229Topic 1

Which Amazon Web Services (AWS) offering allows customers to aggregate billing for many accounts?

- A. Amazon QuickSight
- B. AWS Organizations
- C. AWS Budgets
- D. Amazon Forecast

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#### Question #230Topic 1

Which of the following are advantages of Amazon Web Services' cloud computing platform? (Select two.)

- A. Unlimited uptime
- B. Elasticity
- C. Agility
- D. Colocation
- E. Capital expenses

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#### Question #231Topic 1

An application installed in the AWS Cloud exhibits irregular consumption patterns and is responsible for non-stop workloads.

Which Amazon EC2 pricing plan is the MOST cost-effective for this application?

- A. Dedicated Instances
- B. Spot Instances
- C. Reserved Instances
- D. On-Demand Instances

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#### Question #232Topic 1

Which service's primary aim is to manage software versions?

- A. Amazon CodeStar
- B. AWS Command Line Interface (AWS CLI)
- C. Amazon Cognito
- D. AWS CodeCommit

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#### Question #233Topic 1

A business is now undergoing a security examination. The audit includes a security and compliance review of the company's AWS infrastructure and services. The auditor must identify and download AWS security and compliance materials. The System and Organization Control (SOC) reports are one of these documents.

Which AWS service or collection of services is capable of providing these documents?

- A. AWS Abuse team
- B. AWS Artifact
- C. AWS Support
- D. AWS Config

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#### Question #234Topic 1

Which of the following is a design concept for AWS Cloud architecture?

- A. Implement single points of failure.
- B. Implement loose coupling.
- C. Implement monolithic design.
- D. Implement vertical scaling.

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Question #235Topic 1

The continuous lowering in AWS Cloud price is a result of the following:

- A. pay-as-you go pricing
- B. the AWS global infrastructure
- C. economies of scale
- D. reserved storage pricing

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Question #236Topic 1

Which phase discusses agility as an advantage of AWS Cloud-based development?

- A. The ability to pay only when computing resources are consumed, based on the volume of resources that are consumed
- B. The ability to eliminate guessing about infrastructure capacity needs
- C. The ability to support innovation through a reduction in the time that is required to make IT resources available to developers
- D. The ability to deploy an application in multiple AWS Regions around the world in minutes

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Question #237Topic 1

A business wishes to deliver managed Windows virtual desktops and programs through secure network connections to its distant workers.

Which AWS services does the business have access to in order to achieve these requirements? (Select two.)

- A. Amazon Connect
- B. Amazon AppStream 2.0
- C. Amazon WorkSpaces
- D. AWS Site-to-Site VPN
- E. Amazon Elastic Container Service (Amazon ECS)

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Question #238Topic 1

Which of the following is an AWS shared responsibility?

- A. Identity and access management (IAM)
- B. Server-side encryption (SSE)
- C. Firewall configuration
- D. Maintaining physical hardware

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Question #239Topic 1

Which storage service can be utilized to host static webpages at a minimal cost?

- A. Amazon Glacier
- B. Amazon DynamoDB
- C. Amazon Elastic File System (Amazon EFS)
- D. Amazon Simple Storage Service (Amazon S3)

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Question #240Topic 1

Which AWS services are globally specified rather than regionally defined? (Select two.)

- A. Amazon Route 53
- B. Amazon EC2
- C. Amazon S3
- D. Amazon CloudFront
- E. Amazon DynamoDB

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Question #241Topic 1

Currently, a company's online program is highly dependent on underlying components, which means that when one component fails, the whole web site crashes.

Which AWS Cloud design concept is most appropriate for resolving the present design issue?

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

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Question #242Topic 1

A user must locate, categorize, and safeguard sensitive data stored in Amazon S3 automatically.

Which AWS service satisfies these criteria?

- A. Amazon Inspector
- B. Amazon Macie
- C. Amazon GuardDuty
- D. AWS Secrets Manager

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#### Question #243Topic 1

On an Amazon EC2 instance, a business hosts an application. Several AWS resources, including Amazon S3 and Amazon DynamoDB, are required by the EC2 instance.

What is the MOST OPTIMAL way to delegate permissions?

- A. Create an IAM role with the required permissions. Attach the role to the EC2 instance.
- B. Create an IAM user and use its access key and secret access key in the application.
- C. Create an IAM user and use its access key and secret access key to create a CLI profile in the EC2 instance
- D. Create an IAM role with the required permissions. Attach the role to the administrative IAM user.

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#### Question #244Topic 1

Which of the following are support categories for AWS Trusted Advisor? (Select two.)

- A. Operational excellence
- B. Cost optimization
- C. Security
- D. Well-Architected Framework
- E. Rightsizing

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#### Question #245Topic 1

How can Amazon EC2 Auto Scaling groups contribute to a web application's high availability?

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

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#### Question #246Topic 1

A business has a stateless application workload that can withstand brief periods of outage. The program conducts calculations in massively parallel fashion.

Which Amazon EC2 pricing model should the business choose to save costs?

- A. On-Demand Instances
- B. Spot Instances
- C. Reserved Instances
- D. Dedicated Instances

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Question #247Topic 1

Which of the following is a method for enhancing AWS security? (Select two.)

- A. Using AWS Artifact
- B. Granting the broadest permissions to all IAM roles
- C. Running application code with AWS Cloud9
- D. Enabling multi-factor authentication (MFA) with Amazon Cognito
- E. Using AWS Trusted Advisor security checks

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Question #248Topic 1

Under the AWS shared responsibility paradigm, the following parties are responsible for the security and patching of the guest operating system:

- A. AWS Support
- B. the customer
- C. AWS Systems Manager
- D. AWS Config

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Question #249Topic 1

What is an example of AWS Cloud's high availability?

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

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Question #250Topic 1

Which aspects of AWS make it cost viable for workloads with fluctuating customer demand? (Select two.)

- A. High availability
- B. Shared security model
- C. Elasticity
- D. Pay-as-you-go pricing
- E. Reliability

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#### Question #251Topic 1

A business wants to migrate 40TB of data from on-premises storage systems to Amazon S3. The transfer must occur as rapidly as feasible while maintaining a low cost. The firm has internet access at a speed of 100 megabits per second.

Which AWS service will satisfy these criteria?

- A. AWS Snowball
- B. AWS Direct Connect
- C. AWS Storage Gateway
- D. Amazon S3 Transfer Acceleration

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#### Question #252Topic 1

Which of the following allows customers to programmatically access the power of AWS services?

- A. AWS Command Line Interface (AWS CLI)
- B. AWS Trusted Advisor
- C. AWS CodeDeploy
- D. AWS Management Console

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#### Question #253Topic 1

A business wishes to migrate some of its resources to the AWS Cloud. To comply with regulatory standards, data must stay on-premises and local. AWS and the company's resources must have a low latency.

Which Amazon Web Services (AWS) service or functionality may be leveraged to fulfill these requirements?

- A. AWS Local Zones



- B. Availability Zones
- C. AWS Outposts
- D. AWS Wavelength Zones

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#### Question #254Topic 1

A business has specified the Amazon Web Services (AWS) resources it requires for a new application. The business must determine the expenses associated with operating the application on AWS.

What actions should the business take to comply with this stipulation?

- A. Take advantage of AWS on-demand pricing.
- B. Use the AWS Pricing Calculator to generate an approximate dollar amount.
- C. Use Amazon QuickSight to analyze current on-premises spending.
- D. Use Amazon AppStream 2.0 for real-time pricing analytics.

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#### Question #255Topic 1

For its steady-state database, a corporation runs a self-managed Oracle database directly on Amazon EC2. The corporation wishes to cut its computing expenses.

Which option should the business choose in order to optimize savings over a three-year period?

- A. EC2 Dedicated Instances
- B. EC2 Spot Instances
- C. EC2 Reserved Instances
- D. EC2 On-Demand Instances

[Reveal Solution](#) [Discussion](#) 2

#### Question #256Topic 1

A corporation is developing an application that must distribute photos and videos internationally with the least amount of delay possible.

Which strategy may the business take to do this in the most cost-effective manner?

- A. Deliver the content through Amazon CloudFront.
- B. Store the content on Amazon S3 and enable S3 cross-region replication.
- C. Implement a VPN across multiple AWS Regions.
- D. Deliver the content through AWS PrivateLink.

[Reveal Solution](#) [Discussion](#) 2

#### Question #257Topic 1

Which AWS service or functionality gives advice to customers about frequently asked billing questions?

- A. AWS Marketplace
- B. AWS Knowledge Center
- C. Amazon Pinpoint
- D. Amazon Connect

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#### Question #258Topic 1

Which AWS services enable an on-premises infrastructure to be extended to the AWS Cloud? (Select two.)

- A. Amazon EBS
- B. AWS Direct Connect
- C. Amazon CloudFront
- D. AWS Storage Gateway
- E. Amazon Connect

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#### Question #259Topic 1

Which AWS service enables the generation of warnings based on a monthly bill estimate?

- A. AWS Config
- B. Amazon CloudWatch
- C. AWS X-Ray
- D. AWS CloudTrail

[Reveal Solution](#) [Discussion](#) 2

#### Question #260Topic 1

Which AWS service may be utilized to deploy the application?

- A. AWS AppSync
- B. AWS Batch
- C. AWS CodePipeline
- D. AWS DataSync

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#### Question #261Topic 1

Which AWS service or functionality is by default highly available?

- A. Amazon EC2
- B. Amazon Aurora
- C. NAT instances
- D. Amazon RDS

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#### Question #262Topic 1

A business requires data migration from its on-premises environment to the AWS Cloud. The business demands extremely elastic and efficient connection.

Which AWS service satisfies these criteria?

- A. Amazon S3 Glacier
- B. AWS Storage Gateway
- C. AWS Backup
- D. Amazon Elastic File System (Amazon EFS)

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#### Question #263Topic 1

Which AWS service or functionality is exclusively accessible to AWS Enterprise Support customers?

- A. AWS Trusted Advisor
- B. AWS Support case
- C. AWS Concierge Support team
- D. Amazon Connect

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#### Question #264Topic 1

Which resource is the MOST EFFECTIVE for keeping current on AWS security announcements?

- A. AWS Personal Health Dashboard
- B. AWS Secrets Manager
- C. AWS Security Bulletins
- D. Amazon Inspector

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#### Question #265Topic 1

Which AWS services aid in application performance optimization by lowering latency associated with global content access? (Select two.)

- A. Amazon CloudFront

- B. AWS VPN
- C. AWS Direct Connect
- D. AWS Global Accelerator
- E. Amazon S3 Glacier

[Reveal Solution](#) [Discussion](#) **2**

#### Question #266Topic 1

Which of the following operations can be done only after logging in using the root user credentials for your AWS account? (Select two.)

- A. Closing an AWS account
- B. Creating a new IAM policy
- C. Changing AWS Support plans
- D. Attaching a role to an Amazon EC2 instance
- E. Generating access keys for IAM users

[Reveal Solution](#) [Discussion](#) **3**

#### Question #267Topic 1

Which techniques are available for deriving AWS charges by department? (Select two.)

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

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#### Question #268Topic 1

Which AWS services can be utilized to automate infrastructure? (Select two.)

- A. AWS CloudFormation
- B. Amazon CloudFront
- C. AWS Batch
- D. AWS OpsWorks
- E. Amazon QuickSight

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#### Question #269Topic 1

The solutions architect of a business want to deploy a few Amazon EC2 instances in an already-existing AWS account. Before the firm can accept the request, it wants a cost estimate.

Which AWS tool should be used to generate the cost estimate?

- A. AWS Pricing Calculator
- B. Cost Explorer
- C. AWS Cost and Usage Report
- D. AWS Budgets

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#### Question #270Topic 1

Which AWS services enable users to link their AWS Cloud resources to their on-premises resources? (Select two.)

- A. AWS VPN
- B. Amazon Connect
- C. Amazon Cognito
- D. AWS Direct Connect
- E. AWS Managed Services

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#### Question #271Topic 1

While an Amazon EC2 instance is only activated when it is required, it must stay active throughout the life of the procedure.

What is the most acceptable method of purchase?

- A. Dedicated Instances
- B. Spot Instances
- C. On-Demand Instances
- D. Reserved Instances

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#### Question #272Topic 1

A business's operations are conducted on-site. The business want to anticipate the costs associated with hosting a major application on AWS.

Which AWS service or tool does the business have access to in order to collect this information?

- A. AWS Pricing Calculator
- B. AWS Budgets
- C. AWS Trusted Advisor
- D. Cost Explorer

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#### Question #273Topic 1

How can a client strengthen the security of their Amazon Web Services (AWS) account logons? (Select two.)

- A. Configure AWS Certificate Manager
- B. Enable Multi-Factor Authentication (MFA)
- C. Use Amazon Cognito to manage access
- D. Configure a strong password policy
- E. Enable AWS Organizations

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#### Question #274Topic 1

A big firm often has a single Amazon Web Services (AWS) account.

What are the benefits of repurposing a single AWS account to create additional AWS accounts? (Select two.)

- A. It allows for administrative isolation between different workloads.
- B. Discounts can be applied on a quarterly basis by submitting cases in the AWS Management Console.
- C. Transitioning objects from Amazon S3 to Amazon S3 Glacier in separate AWS accounts will be less expensive.
- D. Having multiple accounts reduces the risks associated with malicious activity targeted at a single account.
- E. Amazon QuickSight offers access to a cost tool that provides application-specific recommendations for environments running in multiple accounts.

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#### Question #275Topic 1

Which solution enables a business with numerous AWS accounts to consolidate its consumption in order to qualify for bulk discounts?

- A. AWS Server Migration Service
- B. AWS Organizations
- C. AWS Budgets
- D. AWS Trusted Advisor

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#### Question #276Topic 1

Which AWS services may be protected against typical online exploitations using AWS WAF? (Select two.)

- A. Amazon Route 53

- B. Amazon CloudFront
- C. AWS Transfer Family
- D. AWS Site-to-Site VPN
- E. Amazon API Gateway

[Reveal Solution](#) [Discussion](#) **1**

#### Question #277Topic 1

A business uses an Amazon EC2 Auto Scaling policy in conjunction with an Application Load Balancer to restore sick apps running on Amazon EC2 instances automatically.

This activity pertains to which pillar of the AWS Well-Architected Framework?

- A. Security
- B. Performance efficiency
- C. Operational excellence
- D. Reliability

[Reveal Solution](#) [Discussion](#) **2**

#### Question #278Topic 1

A business want to migrate current software licenses to AWS, however the licensing strategy involves licensing physical cores.

How can the organization do this in the AWS Cloud?

- A. Launch an Amazon EC2 instance with default tenancy.
- B. Launch an Amazon EC2 instance on a Dedicated Host.
- C. Create an On-Demand Capacity Reservation.
- D. Purchase Dedicated Reserved Instances.

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#### Question #279Topic 1

Which service offers nearly infinite online storage for very durable objects?

- A. Amazon Redshift
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon Elastic Container Service (Amazon ECS)
- D. Amazon S3

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#### Question #280Topic 1

Which AWS services are available for file storage? (Select two.)

- A. Amazon S3
- B. AWS Lambda
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon SageMaker
- E. AWS Storage Gateway

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#### Question #281Topic 1

A media business want to disseminate video material through the internet to millions of viewers globally. The organization wishes to use AWS's worldwide network backbone in order to deliver cached material with minimal latency and fast data transfer rates.

Which AWS service will satisfy these criteria?

- A. Amazon CloudFront
- B. AWS Global Accelerator
- C. AWS Direct Connect
- D. Amazon Connect

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#### Question #282Topic 1

Which AWS advantage allows customers to construct cloud infrastructure that spans various geographic areas and is linked through a low-latency, high-performance network?

What about throughput and redundancy?

- A. Economies of scale
- B. Security
- C. Elasticity
- D. Global reach

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#### Question #283Topic 1

Which AWS service or feature enables businesses to take advantage of AWS's volume discounts?

- A. Saving Plans
- B. AWS Budgets
- C. AWS Organizations
- D. AWS Pricing Calculator

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Question #284Topic 1

Which AWS IAM feature is used to link numerous users with a set of permissions?

- A. Multi-factor authentication
- B. Groups
- C. Password policies
- D. Access keys

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Question #285Topic 1

A social media firm has been tasked with the responsibility of launching a new function. Users will be able to share photographs that will be seen by other users worldwide with little delay.

Which AWS service or feature should the business use in order to achieve this demand the most cost-effectively?

- A. Amazon DynamoDB global tables
- B. AWS Direct Connect
- C. Amazon CloudFront
- D. AWS Outposts

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Question #286Topic 1

Which AWS service enables application decoupling?

- A. AWS Config
- B. Amazon Simple Queue Service (Amazon SQS)
- C. AWS Batch
- D. Amazon Simple Email Service (Amazon SES)

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Question #287Topic 1

Amazon EC2 web servers connect to a traditional application operating in a corporate data center.

What phrase would be appropriate to use to describe this model?

- A. Cloud-native
- B. Partner network
- C. Hybrid architecture
- D. Infrastructure as a service

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#### Question #288Topic 1

A previously utilized Amazon EC2 instance for development is no longer available and does not display in the AWS Management Console.

Which AWS service should be utilized to discover what activity resulted in the inaccessibility of this EC2 instance?

- A. Amazon CloudWatch Logs
- B. AWS Security Hub
- C. Amazon Inspector
- D. AWS CloudTrail

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#### Question #289Topic 1

A Cloud Practitioner is required to retain data for seven years in order to comply with regulatory standards.

Which AWS service meets this need for the LEAST amount of money?

- A. Amazon S3
- B. AWS Snowball
- C. Amazon Redshift
- D. Amazon S3 Glacier

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#### Question #290Topic 1

What does AWS's obligation under the shared responsibility paradigm entail?

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

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#### Question #291Topic 1

AWS CloudFormation is intended to assist the user in the following ways:

- A. model and provision resources.
- B. update application code.
- C. set up data lakes.
- D. create reports for billing.

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Question #292Topic 1

A business wishes to grant access to Amazon RDS to one of its workers. Additionally, the corporation wishes to confine contact to the AWS CLI and AWS software development kits (SDKs).

Which combination of measures should the business do in order to satisfy these needs while adhering to the concept of least privilege? (Select two.)

- A. Create an IAM user and provide AWS Management Console access only.
- B. Create an IAM user and provide programmatic access only.
- C. Create an IAM role and provide AWS Management Console access only.
- D. Create an IAM policy with administrator access and attach it to the IAM user.
- E. Create an IAM policy with Amazon RDS access and attach it to the IAM user.

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Question #293Topic 1

Which of the following guidelines constitutes a well-architected design philosophy for cloud application development?

- A. Keep static data closer to compute resources.
- B. Provision resources for peak capacity.
- C. Design for automated recovery from failure.
- D. Use tightly coupled components.

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Question #294Topic 1

What are the immediate advantages of AWS Cloud computing? (Select two.)

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

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Question #295Topic 1

The following are the economical advantages of using AWS: (Choose two.)

- A. reduced Total Cost of Ownership (TCO).
- B. increased capital expenditure (capex).
- C. reduced operational expenditure (opex).
- D. deferred payment plans for startups.

- E. business credit lines for startups.

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#### Question #296Topic 1

Which acts exemplify excellent practices for AWS IAM use? (Select two.)

- A. Configure a strong password policy
- B. Share the security credentials among users of AWS accounts who are in the same Region
- C. Use access keys to log in to the AWS Management Console
- D. Rotate access keys on a regular basis
- E. Avoid using IAM roles to delegate permissions

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#### Question #297Topic 1

A business want to establish templates that it may reuse when deploying numerous AWS resources.

Which Amazon Web Services (AWS) offering or functionality can the business employ to achieve this requirement?

- A. AWS Marketplace
- B. Amazon Machine Image (AMI)
- C. AWS CloudFormation
- D. AWS OpsWorks

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#### Question #298Topic 1

How can a business use AWS to lower its Total Cost of Ownership (TCO)?

- A. By minimizing large capital expenditures
- B. By having no responsibility for third-party license costs
- C. By having no operational expenditures
- D. By having AWS manage applications

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#### Question #299Topic 1

A business's website is hosted on Amazon EC2 instances. The firm must guarantee that the website is accessible to a worldwide audience and has a low latency for visitors.

Which Amazon Web Services (AWS) offering should the business employ to achieve these requirements?

- A. Amazon Route 53
- B. Amazon CloudFront
- C. Elastic Load Balancing
- D. AWS Lambda

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#### Question #300Topic 1

A business employs Amazon EC2 infrastructure to host steady-state workloads and is looking to save money.

Which pricing model for EC2 instances should the business choose?

- A. Reserved Instances
- B. On-Demand Instances
- C. Spot Instances
- D. Dedicated Hosts

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#### Question #301Topic 1

Which actions should a user take if he or she detects a hacked AWS account? (Make a selection of at least two.)

- A. Remove any multi-factor authentication (MFA) tokens.
- B. Rotate and delete all AWS access keys.
- C. Move resources to a different AWS Region.
- D. Delete AWS CloudTrail resources.
- E. Contact AWS Support.

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#### Question #302Topic 1

Which job, in accordance with the AWS shared responsibility model, is AWS's duty for workloads operating on Amazon EC2?

- A. Updating the physical hardware
- B. Updating the operating system
- C. Updating the database engine
- D. Updating the user data

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#### Question #303Topic 1

How can AWS MOST effectively cut a rising start-computing up's costs?

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

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#### Question #304Topic 1

Which service manages objects by storing them, providing real-time access to them, and managing their versions and lifecycles?

- A. Amazon Glacier
- B. AWS Storage Gateway
- C. Amazon S3
- D. Amazon EBS

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#### Question #305Topic 1

Which Amazon Web Services (AWS) service may be used to securely store and manage source code versions?

- A. AWS CodeBuild
- B. AWS CodeCommit
- C. AWS CodePipeline
- D. AWS CodeStar

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#### Question #306Topic 1

Which tool may be used to track planned AWS infrastructure changes?

- A. AWS Personal Health Dashboard
- B. AWS Trusted Advisor
- C. Billing Dashboard
- D. AWS Config

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#### Question #307Topic 1

Which of the following are AWS security recommended practices for managing an AWS account's root user using AWS Identity and Access Management (IAM)? (Choose\stwo.)

- A. Set up multi-factor authentication (MFA) for the root user.
- B. Remove all IAM policies from the root user.
- C. Delete the root user access keys.

- D. Use the root user for daily tasks.
- E. Assign a read-only access policy to the root user.

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#### Question #308Topic 1

Which AWS Support package is the LEAST costly and gives 24-hour access to AWS customer care and communities?

- A. AWS Enterprise Support
- B. AWS Business Support
- C. AWS Developer Support
- D. AWS Basic Support

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#### Question #309Topic 1

A firm that does business online must supply new capabilities rapidly and iteratively, decreasing time to market.

Which AWS Cloud function is capable of doing this?

- A. Elasticity
- B. High availability
- C. Agility
- D. Reliability

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#### Question #310Topic 1

A business has a concentrated group of users with significant file storage needs that outstrip the available capacity on-premises. The organization wishes to expand its file storage capacities for this group while maintaining the performance advantages associated with local content sharing.

Which AWS option is the MOST OPERATIONALLY EFFECTIVE in this scenario?

- A. Create an Amazon S3 bucket for each users. Mount each bucket by using an S3 file system mounting utility.
- B. Configure and deploy an AWS Storage Gateway file gateway. Connect each user's workstation to the file gateway.
- C. Move each user's working environment to Amazon WorkSpaces. Set up an Amazon WorkDocs account for each user.
- D. Deploy an Amazon EC2 instance and attach an Amazon Elastic Block Store (Amazon EBS) Provisioned IOPS volume. Share the EBS volume directly with the users.

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Question #311Topic 1

Which AWS feature enables a business to use consumption levels across different member accounts?

- A. Service control policies (SCPs)
- B. Consolidated billing
- C. All Upfront Reserved Instances
- D. AWS Cost Explorer

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Question #312Topic 1

To utilize the AWS CLI, users must produce the following:

- A. a password policy.
- B. an access/secret key.
- C. a managed policy.
- D. an API key.

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Question #313Topic 1

Which AWS solution enables customers to extend AWS infrastructure, AWS services, APIs, and tools to data centers, co-location settings, or on-premises facilities through a hybrid architecture?

- A. AWS Snowmobile
- B. AWS Local Zones
- C. AWS Outposts
- D. AWS Fargate

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Question #314Topic 1

Which service allows consumers to audit AWS API calls?

- A. AWS CloudTrail
- B. AWS Trusted Advisor
- C. Amazon Inspector
- D. AWS X-Ray

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Question #315Topic 1

Which AWS service would be utilized to manage AWS access across numerous accounts in a centralized fashion?

- A. AWS Service Catalog
- B. AWS Config
- C. AWS Trusted Advisor
- D. AWS Organizations

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Question #316Topic 1

Which Amazon Web Offerings (AWS) services provide computational capabilities? (Select two.)

- A. Amazon EC2
- B. Amazon S3
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon Cognito
- E. AWS Lambda

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Question #317Topic 1

Which opportunities does AWS provide for clients interested in learning about cloud security in an instructor-led setting? (Select two.)

- A. AWS Trusted Advisor
- B. AWS Online Tech Talks
- C. AWS Blog
- D. AWS Forums
- E. AWS Classroom Training

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Question #318Topic 1

A business wishes to launch a worldwide commercial application using Amazon Elastic Compute Cloud (Amazon EC2). The deployment solution should be constructed with the greatest degree of redundancy and fault tolerance possible.

According to this scenario, the following Amazon EC2 instances should be deployed:

- A. in a single Availability Zone in one AWS Region
- B. with multiple Elastic Network Interfaces belonging to different subnets
- C. across multiple Availability Zones in one AWS Region
- D. across multiple Availability Zones in two AWS Regions

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Question #319Topic 1

Which tool is most suited for integrating the billing of previously distinct AWS accounts?

- A. Detailed billing report
- B. Consolidated billing
- C. AWS Cost and Usage report
- D. Cost allocation report

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Question #320Topic 1

Which of the following enables AWS customers to control billing expense allocations?

- A. Tagging resources
- B. Limiting who can create resources
- C. Adding a secondary payment method
- D. Running all operations on a single AWS account

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Question #321Topic 1

How can deploying an application across several Availability Zones benefit you?

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

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Question #322Topic 1

A business is developing an application that will be hosted in a single AWS Region and will serve end customers located around the globe. The firm wishes to give low-latency access to application data to end users.

Which of the following services will assist you in achieving your goal?

- A. Amazon CloudFront
- B. AWS Direct Connect

- C. Amazon Route 53 global DNS
- D. Amazon Simple Storage Service (Amazon S3) transfer acceleration

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#### Question #323Topic 1

The application of a business has a variable start and finish time.

Which pricing option for Amazon EC2 will be the MOST cost-effective?

- A. On-Demand Instances
- B. Spot Instances
- C. Reserved Instances
- D. Dedicated Hosts

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#### Question #324Topic 1

A new application is being developed by a business that will save and retrieve millions of photographs and movies.

Which AWS service or feature offers the CHEAPEST underlying storage?

- A. Amazon EC2 instance store
- B. Amazon Elastic Block Store (Amazon EBS)
- C. Amazon S3
- D. Amazon Simple Queue Service (Amazon SQS)

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#### Question #325Topic 1

A business intends to use the AWS Cloud to host a huge ecommerce application. The business must have an architecture that safeguards against network-based security threats such as DDoS assaults.

Which Amazon Web Offerings (AWS) services should the business employ to achieve this requirement? (Select two.)

- A. Amazon Inspector
- B. Amazon GuardDuty
- C. Amazon CloudFront
- D. AWS Shield
- E. AWS Identity and Access Management (IAM)

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#### Question #326Topic 1

Which AWS service or functionality enables the user to control application traffic between regions?

- A. Amazon AppStream 2.0
- B. Amazon VPC
- C. Elastic Load Balancer
- D. Amazon Route 53

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#### Question #327Topic 1

What expenses should be addressed when comparing the total cost of ownership (TCO) of an on-premises infrastructure to a cloud architecture? (Select two.)

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

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#### Question #328Topic 1

Which service is an AWS-managed Hadoop framework that enables processing massive volumes of data across dynamically expandable Amazon EC2 instances simple, quick, and cost-effective?

- A. Amazon EMR
- B. Amazon EC2
- C. AWS Elastic Beanstalk
- D. Amazon Redshift

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#### Question #329Topic 1

What is the greatest place for a user to get information and reports on AWS compliance?

- A. AWS Artifact
- B. AWS Marketplace
- C. Amazon Inspector
- D. AWS Support

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#### Question #330Topic 1

A business wishes to be alerted when its AWS Cloud expenses or usage surpass certain limits. Which Amazon Web Services (AWS) offering will meet these requirements?

- A. AWS Budgets
- B. Cost Explorer
- C. AWS CloudTrail
- D. Amazon Macie

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#### Question #331Topic 1

A business needs to monitor changes to AWS resource configurations for compliance purposes.

Which Amazon Web Services functionality may be utilized to fulfill this requirement?

- A. AWS Cost and Usage Report
- B. AWS Organizations service control policies (SCPs)
- C. AWS Config rules
- D. VPC Flow Logs

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#### Question #332Topic 1

A customer requests advice on potential cost reductions associated with the migration from on-premises to AWS.

Which tool is most appropriate in this situation?

- A. AWS Budgets
- B. Cost Explorer
- C. AWS Total Cost of Ownership (TCO) Calculator
- D. AWS Well-Architected Tool

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#### Question #333Topic 1

Which AWS services or functionalities enable customers to establish a network connection between two virtual private clouds (VPCs)? (Select two.)

- A. VPC endpoints
- B. Amazon Route 53
- C. VPC peering
- D. AWS Direct Connect
- E. AWS Transit Gateway

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Question #334Topic 1

Which of the following is a recommended method for setting IAM user policies?

- A. Start with a large set of permissions and remove the permissions that are not required.
- B. Use only Amazon managed policies.
- C. Start with a minimum set of permissions and grant additional permissions as necessary.
- D. Attach policies directly to each user individually.

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Question #335Topic 1

How can consolidated billing benefit a business with many AWS accounts?

- A. It aggregates usage across accounts so that the company can reach volume discount thresholds sooner.
- B. It offers an additional 5% discount on purchases of All Upfront Reserved Instances.
- C. It provides a simplified billing invoice that the company can process more quickly than a standard invoice.
- D. It gives AWS resellers the ability to bill their customers for usage.

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Question #336Topic 1

AWS's pay-as-you-go pricing model:

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

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Question #337Topic 1

What AWS feature relates to a customer's flexibility to scale up and down applications to meet changeable demand?

- A. Elasticity
- B. Agility
- C. Security
- D. Scalability

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Question #338Topic 1

Which AWS Cloud feature enables resource supply to be matched to changing workload demands?

- A. Security
- B. Reliability
- C. Elasticity
- D. High availability

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Question #339Topic 1

A business has chosen to shift its production workloads to the Amazon Web Services (AWS) Cloud.

Which activities may assist in lowering operating expenses associated with the migration? (Select two.)

- A. Reduce overprovisioned instances.
- B. Rehost all third-party licenses on AWS.
- C. Implement a highly available architecture.
- D. Use managed services.
- E. Improve application security.

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Question #340Topic 1

A business want to provide a single user complete access to an Amazon S3 bucket.

Which element in the S3 bucket policy contains information about the users who need access to the S3 bucket?

- A. Principal
- B. Action
- C. Resource
- D. Statement

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Question #331Topic 1


A business needs to monitor changes to AWS resource configurations for compliance purposes.

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- B. AWS Organizations service control policies (SCPs)
- C. AWS Config rules
- D. VPC Flow Logs

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**Correct Answer:** C 

Reference:

<https://aws.amazon.com/config/>

#### Question #332Topic 1

A customer requests advise on potential cost reductions associated with the migration from on-premises to AWS.

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- A. AWS Budgets
- B. Cost Explorer
- C. AWS Total Cost of Ownership (TCO) Calculator
- D. AWS Well-Architected Tool

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**Correct Answer:** C 

The TCO Calculator provides directional guidance on possible realized savings when deploying AWS. This tool is built on an underlying calculation model, that generates a fair assessment of value that a customer may achieve given the data provided by the user.

Reference:

<https://aws.amazon.com/tco-calculator/>

#### Question #333Topic 1

Which AWS services or functionalities enable customers to establish a network connection between two virtual private clouds (VPCs)? (Select two.)

- A. VPC endpoints
- B. Amazon Route 53
- C. VPC peering **Most Voted**
- D. AWS Direct Connect
- E. AWS Transit Gateway **Most Voted**

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**Correct Answer:** AC 

Reference:



<https://docs.aws.amazon.com/vpc/latest/privatelink/vpc-endpoints.html>  
<https://docs.aws.amazon.com/vpc/latest/peering/what-is-vpc-peering.html>

Question #334Topic 1

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- A. Start with a large set of permissions and remove the permissions that are not required.
- B. Use only Amazon managed policies.
- C. Start with a minimum set of permissions and grant additional permissions as necessary.
- D. Attach policies directly to each user individually.

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**Correct Answer:** C 

Reference:

<https://docs.aws.amazon.com/IAM/latest/UserGuide/best-practices.html>

Question #335Topic 1

How can consolidated billing benefit a business with many AWS accounts?

- A. It aggregates usage across accounts so that the company can reach volume discount thresholds sooner.
- B. It offers an additional 5% discount on purchases of All Upfront Reserved Instances.
- C. It provides a simplified billing invoice that the company can process more quickly than a standard invoice.
- D. It gives AWS resellers the ability to bill their customers for usage.

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**Correct Answer:** A 

Reference:

[https://docs.amazonaws.cn/en\\_us/awsaccountbilling/latest/aboutv2/consolidated-billing.html](https://docs.amazonaws.cn/en_us/awsaccountbilling/latest/aboutv2/consolidated-billing.html)


Question #336Topic 1

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- C. is relevant only for Amazon EC2, Amazon S3, and Amazon RDS.
- D. reduces operational expenditures.

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**Correct Answer: A** 

Reference:

<https://www.10thmagnitude.com/opex-vs-capex-the-real-cloud-computing-cost-advantage/>

Question #337Topic 1

What AWS feature relates to a customer's flexibility to scale up and down applications to meet changeable demand?

- A. Elasticity
- B. Agility
- C. Security
- D. Scalability

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**Correct Answer: D** 

Question #338Topic 1

Which AWS Cloud feature enables resource supply to be matched to changing workload demands?

- A. Security
- B. Reliability
- C. Elasticity
- D. High availability

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**Correct Answer: C** 

Reference:

<https://wa.aws.amazon.com/wat.map.en.html>

Question #339Topic 1

A business has chosen to shift its production workloads to the Amazon Web Services (AWS) Cloud.

Which activities may assist in lowering operating expenses associated with the migration? (Select two.)

- A. Reduce overprovisioned instances. **Most Voted**
- B. Rehost all third-party licenses on AWS.
- C. Implement a highly available architecture.
- D. Use managed services. **Most Voted**
- E. Improve application security.

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**Correct Answer:** DE 

Question #340Topic 1

A business want to provide a single user complete access to an Amazon S3 bucket.

Which element in the S3 bucket policy contains information about the users who need access to the S3 bucket?

- A. Principal **Most Voted**
- B. Action
- C. Resource
- D. Statement

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**Correct Answer:** C 

Reference:

<https://docs.aws.amazon.com/AmazonS3/latest/dev/walkthrough1.html>

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Question #341Topic 1

Which Amazon Web Services (AWS) solution enables clients to acquire unused Amazon EC2 capacity at often reduced prices?

- A. Reserved Instances
- B. On-Demand Instances
- C. Dedicated Instances
- D. Spot Instances

[Reveal Solution](#) [Discussion](#) 3

Question #342Topic 1

Which of the following procedures should a client perform while doing penetration testing on Amazon Web Services (AWS)?

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

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Question #343Topic 1

Which service would be responsible for network connection in a hybrid design that incorporates Amazon Web Services?

- A. Amazon VPC
- B. AWS Direct Connect
- C. AWS Directory Service
- D. Amazon API Gateway

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#### Question #344Topic 1

What is the name given to the several, separate sites inside an AWS Region that are linked by low-latency networks?

- A. AWS Direct Connects
- B. Amazon VPCs
- C. Edge locations
- D. Availability Zones

[Reveal Solution](#) [Discussion](#) **3**

#### Question #345Topic 1

Which Amazon EC2 price option is appropriate for applications that need intermittent, spiky, or unexpected workloads?

- A. Spot Instances
- B. Dedicated Hosts
- C. On-Demand Instances
- D. Reserved Instances

[Reveal Solution](#) [Discussion](#) **3**

#### Question #346Topic 1

Which of the following AWS services can be utilized to efficiently deliver big volumes of online video content? (Select two.)

- A. AWS Storage Gateway
- B. Amazon S3
- C. Amazon Elastic File System (EFS)
- D. Amazon Glacier
- E. Amazon CloudFront

[Reveal Solution](#) [Discussion](#) **13**

#### Question #347Topic 1

Which of the following is a duty of the client under the AWS shared responsibility model?

- A. Virtualization infrastructure
- B. Network infrastructure

- C. Application security
- D. Physical security of hardware

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#### Question #348Topic 1

Which strategy contributes to the cost optimization of consumers migrating to the AWS Cloud?

- A. Paying only for what is used
- B. Purchasing hardware before it is needed
- C. Manually provisioning cloud resources
- D. Purchasing for the maximum possible load

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#### Question #349Topic 1

Which Amazon Web Services (AWS) service can be used to monitor illegal API calls?

- A. AWS Config
- B. AWS CloudTrail
- C. AWS Trusted Advisor
- D. Amazon Inspector

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#### Question #350Topic 1

An ecommerce firm predicts a significant rise in online traffic in the run-up to two very popular shopping holidays.

Which AWS service or functionality enables dynamic resource adjustment in response to this change in demand?

- A. AWS CloudTrail
- B. Amazon EC2 Auto Scaling
- C. Amazon Forecast
- D. AWS Config

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#### Question #351Topic 1

What enables a business to give a low-latency experience to its worldwide users?

- A. Using an AWS Region that is central to all users

- B. Using a second Availability Zone in the AWS Region that is using used
- C. Enabling caching in the AWS Region that is being used
- D. Using edge locations to put content closer to all users

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#### Question #352Topic 1

A business has optimized its workload by using certain AWS services in order to increase efficiency and minimize costs.

Which cost management best practice does this case demonstrate?

- A. Resource controls
- B. Cost allocation
- C. Architecture optimization
- D. Tagging enforcement

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#### Question #353Topic 1

Which feature of cloud computing can AWS exhibit via its capacity to provide reduced variable prices as a consequence of big purchase volumes?

- A. Pay-as-you-go pricing
- B. High availability
- C. Global reach
- D. Economies of scale

[Reveal Solution](#) [Discussion](#)

#### Question #354Topic 1

A customer with an AWS Basic Support subscription has discovered that their AWS resources are being used for unauthorized purposes.

What is the preferred mechanism for the user to notify AWS of the activity?

- A. Contact the AWS Concierge Support team.
- B. Contact an AWS technical account manager.
- C. Contact the AWS Abuse team.
- D. Contact the AWS Support team.

[Reveal Solution](#) [Discussion](#) 4

#### Question #355Topic 1

Customer duties under the AWS shared responsibility model include which of the following?

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

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#### Question #356 Topic 1

Which AWS service should a business use to check the compliance of AWS resource settings on a continual basis?

- A. AWS Organizations
- B. AWS Config
- C. AWS Artifact
- D. AWS Service Catalog

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#### Question #357 Topic 1

Which AWS Cloud feature relieves customers of the requirement to estimate future infrastructure consumption?

- A. Easy and fast deployment of applications in multiple Regions around the world
- B. Security of the AWS Cloud
- C. Elasticity of the AWS Cloud
- D. Lower variable costs due to massive economies of scale

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#### Question #358 Topic 1

A business is contemplating migrating its on-premises data center to Amazon Web Services (AWS).

What aspects should a Total Cost of Ownership (TCO) study consider? (Select two.)

- A. Amazon EC2 instance availability
- B. Power consumption of the data center
- C. Labor costs to replace old servers
- D. Application developer time
- E. Database engine capacity

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#### Question #359 Topic 1

Which pattern is suggested for creating an AWS highly available architecture?

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

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#### Question #360Topic 1

A business currently operates an on-premises Microsoft SQL Server instance and is transferring its application to AWS. Although the firm lacks the resources necessary to modify the program, management wants to cut operating costs as part of the move.

Which database service is most capable of meeting these requirements?

- A. Amazon DynamoDB
- B. Amazon Redshift
- C. Microsoft SQL Server on Amazon EC2
- D. Amazon RDS for SQL Server

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#### Question #361Topic 1

What are the advantages of using loose coupling as a design paradigm for cloud architectures?

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

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#### Question #362Topic 1

What is an example of AWS Cloud agility?

- A. Access to multiple instance types
- B. Access to managed services
- C. Using Consolidated Billing to produce one bill
- D. Decreased acquisition time for new compute resources

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#### Question #363Topic 1

A business operates a website that is hosted on AWS and is protected by an Application Load Balancer. The business wishes to protect its website against SQL injection and cross-site scripting.

Which Amazon Web Services (AWS) service should the business use?

- A. Amazon GuardDuty
- B. AWS WAF
- C. AWS Trusted Advisor
- D. Amazon Inspector

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#### Question #364Topic 1

A company's recently released application is rapidly gaining popularity. To enhance customer service, the firm want to establish a phone number that would enable it to handle the growing amount of calls received by its support employees.

Which Amazon Web Services (AWS) offering should be utilized to fulfill this requirement?

- A. Amazon Connect
- B. Amazon CloudFront
- C. Amazon DirectConnect
- D. AWS Trusted Advisor

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#### Question #365Topic 1

A business want to evaluate streaming user data and reply in real time to consumer inquiries.

Which AWS service satisfies these criteria?

- A. Amazon QuickSight
- B. Amazon Redshift
- C. Amazon Kinesis Data Analytics
- D. AWS Data Pipeline

[Reveal Solution](#) [Discussion](#)

#### Question #366Topic 1

Which of the following is an example of a frequent IT duty that AWS can do in order to free up firm IT resources? (Select two.)

- A. Patching databases software
- B. Testing application releases

- C. Backing up databases
- D. Creating database schema
- E. Running penetration tests

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#### Question #367Topic 1

How should a web application be deployed in the AWS Cloud to guarantee high availability?

- A. Deploy multiple instances of the application in multiple Availability Zones.
- B. Deploy multiple instances of the application in a single Availability Zone.
- C. Deploy the application to a compute-optimized Amazon EC2 instance in a single Availability Zone.
- D. Deploy the application in one Amazon EC2 instance in an Auto Scaling group.

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#### Question #368Topic 1

Which AWS service or feature enables a business to track, monitor, and control its AWS expenses and consumption over time?

- A. AWS Budgets
- B. AWS Cost Explorer
- C. AWS Organizations
- D. Consolidated billing

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#### Question #369Topic 1

A huge corporation has recruited a developer who requires AWS credentials.

Which security best practices should be adhered to? (Select two.)

- A. Grant the developer access to only the AWS resources needed to perform the job.
- B. Share the AWS account root user credentials with the developer.
- C. Add the developer to the administrator's group in AWS IAM.
- D. Configure a password policy that ensures the developer's password cannot be changed.
- E. Ensure the account password policy requires a minimum length.

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#### Question #370Topic 1

A business has a 500 TB image repository that has to be moved to Amazon Web Services (AWS) for processing.

Which AWS service is the most cost-effective way to import this data?

- A. AWS Snowball
- B. AWS Direct Connect
- C. AWS VPN
- D. Amazon S3

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Question #371Topic 1

What is an AWS Cloud best practice in terms of design?

- A. Tight coupling of components
- B. Single point of failure
- C. High availability
- D. Overprovisioning of resources

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Question #372Topic 1

A workload hosted on AWS will continue to operate indefinitely by using a steady number of Amazon EC2 instances.

Which pricing strategy will decrease costs while assuring the availability of computational resources?

- A. Dedicated Hosts
- B. On-Demand Instances
- C. Spot Instances
- D. Reserved Instances

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Question #373Topic 1

A business is developing an application that will need the capacity to transmit, save, and receive messages across its component components. Additionally, the corporation requires that communications be processed in first-in, first-out (FIFO) sequence.

Which Amazon Web Services (AWS) service should the business use?

- A. AWS Step Functions
- B. Amazon Simple Notification Service (Amazon SNS)
- C. Amazon Kinesis Data Streams
- D. Amazon Simple Queue Service (Amazon SQS)

[Reveal Solution](#) [Discussion](#) 4

Question #374Topic 1

A business requires 24/7 phone, email, and chat support, with a response time of less than one hour in the event of a service outage to a production system.

Which AWS Support plan best matches these needs for the least amount of money?

- A. Basic
- B. Developer
- C. Business
- D. Enterprise

[Reveal Solution](#) [Discussion](#) 2

Question #375Topic 1

A customer is considering migrating an application burden to the Amazon Web Services (AWS) Cloud.

Which control becomes AWS's responsibility after the migration?

- A. Patching the guest operating system
- B. Maintaining physical and environmental controls
- C. Protecting communications and maintaining zone security
- D. Patching specific applications

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Question #376Topic 1

What is the function of a VPC's internet gateway?

- A. To create a VPN connection to the VPC
- B. To allow communication between the VPC and the Internet
- C. To impose bandwidth constraints on internet traffic
- D. To load balance traffic from the Internet across Amazon EC2 instances

[Reveal Solution](#) [Discussion](#) 4

Question #377Topic 1

Which AWS IAM feature enables developers to use the AWS CLI to access AWS services?

- A. API keys
- B. Access keys
- C. User names/Passwords
- D. SSH keys

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Question #378Topic 1

On AWS, a corporation is constructing a new archiving system capable of storing terabytes of data. The firm will NOT often retrieve the data.

Which Amazon S3 storage type will result in the LOWEST SYSTEM COST?

- A. S3 Standard-Infrequent Access (S3 Standard-IA)
- B. S3 Glacier
- C. S3 Intelligent-Tiering
- D. S3 One Zone-Infrequent Access (S3 One Zone-IA)

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Question #379Topic 1

Which AWS Support package includes access to architectural and operational assessments, as well as 24/7 email, online chat, and phone support from Senior Cloud Support Engineers?

- A. Basic
- B. Business
- C. Developer
- D. Enterprise

[Reveal Solution](#) [Discussion](#) 7

Question #380Topic 1

Which of the following describes the root user of an AWS account?

- A. The root user is the only user that can be configured with multi-factor authentication (MFA).
- B. The root user is the only user that can access the AWS Management Console.
- C. The root user is the first sign-in identity that is available when an AWS account is created.
- D. The root user has a password that cannot be changed.

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Question #381Topic 1

The AWS IAM recommended practice for providing the fewest possible privileges is as follows:

- A. apply an IAM policy to an IAM group and limit the size of the group.
- B. require multi-factor authentication (MFA) for all IAM users.
- C. require each IAM user who has different permissions to have multiple passwords.

- D. apply an IAM policy only to IAM users who require it.

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#### Question #382Topic 1

To prevent fraudulent compute activity, a user need a simple method to detect whether any Amazon EC2 instances have unlimited access to their ports.

Which Amazon Web Services (AWS) offering will meet this requirement?

- A. VPC Flow Logs
- B. AWS WAF
- C. AWS CloudTrail
- D. AWS Trusted Advisor

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#### Question #383Topic 1

Which AWS feature is exemplified by on-demand technology services that allow businesses to substitute variable expenditures for upfront fixed expenses?

- A. High availability
- B. Economies of scale
- C. Pay-as-you-go pricing
- D. Global reach

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#### Question #384Topic 1

Which AWS service is a content delivery network that safely and quickly distributes data, video, and apps to consumers worldwide?

- A. AWS CloudFormation
- B. AWS Direct Connect
- C. Amazon CloudFront
- D. Amazon Pinpoint

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#### Question #385Topic 1

A business is relocating and need an encrypted connection to AWS.

Which AWS service will assist you in fulfilling this requirement?

- A. AWS VPN
- B. Amazon Route 53

- C. Amazon API Gateway
- D. Amazon Connect

[Reveal Solution](#) [Discussion](#) **2**

#### Question #386Topic 1

What technology permits compute capacity to alter in response to changing load conditions?

- A. Load balancing
- B. Automatic failover
- C. Round robin
- D. Auto Scaling

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#### Question #387Topic 1

A major corporation has a workload that demands on-premises hardware. The organization want to continue using the same management and control plane services as it does on AWS.

Which Amazon Web Services (AWS) offering should the business employ to achieve these requirements?

- A. AWS Device Farm
- B. AWS Fargate
- C. AWS Outposts
- D. AWS Ground Station

[Reveal Solution](#) [Discussion](#)

#### Question #388Topic 1

A business operates an ecommerce application that is hosted in Europe. To reduce latency for international customers accessing the website, the firm would want to cache frequently viewed static information closer to the consumers.

Which Amazon Web Services (AWS) offering will meet these requirements?

- A. Amazon ElastiCache
- B. Amazon CloudFront
- C. Amazon Elastic File System (Amazon EFS)
- D. Amazon Elastic Block Store (Amazon EBS)

[Reveal Solution](#) [Discussion](#) **4**

#### Question #389Topic 1

Which of the following is not a recommended approach for IAM user management? (Select two.)

- A. Require IAM users to change their passwords after a specified period of time
- B. Prevent IAM users from reusing previous passwords
- C. Recommend that the same password be used on AWS and other sites
- D. Require IAM users to store their passwords in raw text
- E. Disable multi-factor authentication (MFA) for IAM users

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#### Question #390Topic 1

Which Amazon Web Services feature assists in identifying harmful or illegal activity in AWS accounts and workloads?

- A. Amazon Rekognition
- B. AWS Trusted Advisor
- C. Amazon GuardDuty
- D. Amazon CloudWatch

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#### Question #391Topic 1

Which AWS service or functionality provides technical support to users who subscribe to the AWS Basic Support plan?

- A. AWS senior support engineers
- B. AWS technical account manager (TAM)
- C. AWS Trusted Advisor
- D. AWS Discussion Forums

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#### Question #392Topic 1

Which AWS service enables you to get AWS security and compliance information on-demand?

- A. AWS CloudTrail
- B. AWS Artifact
- C. AWS Health
- D. Amazon CloudWatch

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#### Question #393Topic 1

Which Amazon Web Services (AWS) service makes use of edge locations?

- A. Amazon Aurora



- B. AWS Global Accelerator
- C. Amazon Connect
- D. AWS Outposts

[Reveal Solution](#) [Discussion](#)

#### Question #394Topic 1

Which of the following AWS capabilities allows a user to deploy an Amazon Elastic Compute Cloud (Amazon EC2) instance that has already been configured?

- A. Amazon Elastic Block Store (Amazon EBS)
- B. Amazon Machine Image
- C. Amazon EC2 Systems Manager
- D. Amazon AppStream 2.0

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#### Question #395Topic 1

A business wishes to send its traffic directly and confidentially to a virtual private cloud (VPC) rather than through the public internet.

Which mode of connection enables this capability?

- A. AWS VPN
- B. AWS Direct Connect
- C. VPC NAT gateway
- D. VPC internet gateway

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#### Question #396Topic 1

What can be utilized to automate and manage AWS setups that are safe, well-architected, and multi-account?

- A. AWS shared responsibility model
- B. AWS Control Tower
- C. AWS Security Hub
- D. AWS Well-Architected Tool

[Reveal Solution](#) [Discussion](#) 2

#### Question #397Topic 1

Which AWS Support plan is the LEAST EXPENSIVE that provides for a one-hour goal response time for support cases?

- A. Enterprise
- B. Business

- C. Developer
- D. Basic

[Reveal Solution](#) [Discussion](#) 4

#### Question #398Topic 1

Which AWS hybrid storage offering allows users to effortlessly integrate on-premises applications with AWS Cloud storage?

- A. AWS Backup
- B. Amazon Connect
- C. AWS Direct Connect
- D. AWS Storage Gateway

[Reveal Solution](#) [Discussion](#) 2

#### Question #399Topic 1

A user needs to prepare a report that summarizes the status of AWS account's major security checks. The report must contain the following:

- ☞ Permissions on Amazon S3 buckets are now inactive.
- ☞ Whether or not multi-factor authentication is enabled for the root user of the AWS account.
- ☞ If any security groups are set to enable unlimited access, this will be shown.

Where can I get all of this information in one place?

- A. Amazon QuickSight dashboard
- B. AWS CloudTrail trails
- C. AWS Trusted Advisor report
- D. IAM credential report

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#### Question #400Topic 1

A pharmaceutical company's infrastructure is managed in a single AWS Region. The organization want to link hundreds of VPCs across many AWS accounts. Which AWS service or feature should the business use to streamline administration and save operating costs?

- A. VPC endpoint
- B. AWS Direct Connect
- C. AWS Transit Gateway
- D. VPC peering

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Question #401Topic 1

Which VPC component adds an additional layer of protection to the subnet?

- A. Security groups
- B. Network ACLs
- C. NAT gateways
- D. Route tables

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Question #402Topic 1

One advantage of Amazon Elastic Compute Cloud (Amazon EC2) on-demand pricing is the following:

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

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Question #403Topic 1

Which AWS service enables you to swiftly conduct one-time queries on Amazon S3 data?

- A. Amazon EMR
- B. Amazon DynamoDB
- C. Amazon Redshift
- D. Amazon Athena

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Question #404Topic 1

Which tool is suitable for monitoring Amazon Web Services service limits?

- A. AWS Total Cost of Ownership (TCO) Calculator
- B. AWS Trusted Advisor
- C. AWS Personal Health Dashboard
- D. AWS Cost and Usage report

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Question #405Topic 1

Which AWS Support package is the LEAST EXPENSIVE that includes a dedicated AWS technical account manager (TAM)?

- A. AWS Developer Support
- B. AWS Enterprise Support
- C. AWS Basic Support
- D. AWS Business Support

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#### Question #406Topic 1

Which AWS service or functionality involves the implementation of an internet service provider (ISP) and a colocation facility?

- A. AWS VPN
- B. Amazon Connect
- C. AWS Direct Connect
- D. Internet gateway

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#### Question #407Topic 1

Which cloud architectural design concepts are advised for re-architecting a huge monolithic application? (Select two.)

- A. Use manual monitoring.
- B. Use fixed servers.
- C. Implement loose coupling.
- D. Rely on individual components.
- E. Design for scalability.

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#### Question #408Topic 1

The worldwide architecture of Amazon Web Services is comprised of Regions, Availability Zones, and what else?

- A. VPCs
- B. Data centers
- C. Dark fiber network links
- D. Edge locations

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#### Question #409Topic 1

A business must monitor its AWS accounts and determine when an API request is performed against its AWS resources.

Which AWS product or service is most appropriate for meeting these requirements?

- A. Amazon CloudWatch
- B. Amazon Inspector
- C. AWS Cloud Trail
- D. AWS IAM

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#### Question #410Topic 1

Which AWS Cloud feature will enable a multinational corporation to meet its demand for low latency to all of its customers?

- A. Fault tolerance
- B. Global reach
- C. Pay-as-you-go pricing
- D. High availability

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#### Question #411Topic 1

A business currently operates in one AWS Region and is extending operations to a second. In the second Region, the organization is utilizing the identical AWS CloudFormation template as in the original Region. When the organization seeks to deploy Amazon EC2 On-Demand Instances in the second Region, it encounters errors.

What might possibly be the source of these error messages?

- A. A new EC2 key pair has not been created for the EC2 instances.
- B. The requested EC2 instance types are not available in the second Region.
- C. The company cannot operate in a second Region until it updates its AWS contract.
- D. The company has not configured AWS Budgets to monitor the budget for the EC2 instances.

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#### Question #412Topic 1

Which principles are used while architecting apps for AWS Cloud reliability? (Select two.)

- A. Design for automated failure recovery
- B. Use multiple Availability Zones
- C. Manage changes via documented processes
- D. Test for moderate demand to ensure reliability
- E. Backup recovery to an on-premises environment

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Question #413Topic 1

AWS is responsible for which of the following security-related elements of hosting an Amazon Elastic Compute Cloud (Amazon EC2) instance?

- A. Security of private keys
- B. Hypervisor software updates
- C. Security updates to software running on the instance
- D. Policies controlling instance access

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Question #414Topic 1

Which feature of the AWS Cloud enables customers to reduce idle CPU capacity?

- A. Agility
- B. Elasticity
- C. Reliability
- D. Durability

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Question #415Topic 1

Which of the following statements most accurately characterizes Elastic Load Balancing?

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

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Question #416Topic 1

A corporation is developing a mobile application to give its clients with shopping suggestions. The business intends to include a graph database into the shopping recommendation engine.

Which Amazon Web Services database service should the business use?

- A. Amazon DynamoDB
- B. Amazon Aurora
- C. Amazon Neptune
- D. Amazon DocumentDB (with MongoDB compatibility)

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Question #417Topic 1

A business wishes to establish a dedicated link between its on-premises IT infrastructure and AWS Region resources. Additionally, the organization wishes to decrease network latency and congestion.

Which Amazon Web Services (AWS) service or functionality should the business select?

- A. AWS VPN
- B. AWS PrivateLink
- C. Amazon Connect
- D. AWS Direct Connect

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#### Question #418Topic 1

Which of the following is an advantage of using AWS's cloud computing platform?

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

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#### Question #419Topic 1

Which AWS service allows clients to audit and monitor AWS resource changes?

- A. AWS Trusted Advisor
- B. Amazon GuardDuty
- C. Amazon Inspector
- D. AWS Config

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#### Question #420Topic 1

Which AWS service or feature gives information about planned events that are now occurring or may occur in the near future and may impact an AWS account?

- A. AWS Config
- B. AWS Systems Manager
- C. AWS Personal Health Dashboard
- D. AWS Trusted Advisor

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#### Question #421Topic 1

A business has many Amazon Web Services accounts and want to streamline and unify its billing process.

Which AWS service is capable of doing this?

- A. AWS Cost and Usage Reports
- B. AWS Organizations
- C. AWS Cost Explorer
- D. AWS Budgets

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#### Question #422Topic 1

What does it imply when a customer uses AWS to construct a hybrid cloud architecture?

- A. All resources run using on-premises infrastructure.
- B. Some resources run on-premises and some run in a colocation center.
- C. All resources run in the AWS Cloud.
- D. Some resources run on-premises and some run in the AWS Cloud.

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#### Question #423Topic 1

A business wishes to anticipate its AWS Cloud expenses for the following year based on historical AWS Cloud spending patterns.

Which Amazon Web Services (AWS) offering should the business employ to achieve this requirement?

- A. AWS Control Tower
- B. Cost Explorer
- C. AWS OpsWorks
- D. AWS CloudFormation

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#### Question #424Topic 1

Which AWS service or feature can help to improve network security by restricting requests for a web application hosted on AWS from a certain network? (Select two.)

- A. AWS WAF
- B. AWS Trusted Advisor
- C. AWS Direct Connect
- D. AWS Organizations
- E. Network ACLs

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#### Question #425Topic 1

Which components are necessary to configure an AWS site-to-site VPN connection successfully? (Select two.)

- A. Internet gateway
- B. NAT gateway
- C. Customer gateway
- D. Transit gateway
- E. Virtual private gateway

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#### Question #426Topic 1

A business need security against increased distributed denial of service (DDoS) assaults on its website, as well as help from AWS professionals in the case of such an attack.

Which AWS managed service will satisfy these criteria?

- A. AWS Shield Advanced
- B. AWS Firewall Manager
- C. AWS WAF
- D. Amazon GuardDuty

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#### Question #427Topic 1

A Cloud Practitioner requires a dedicated link between AWS resources and an on-premises system that is constant and devoted.

Which AWS service satisfies this criterion?

- A. AWS Direct Connect
- B. AWS VPN
- C. Amazon Connect
- D. AWS Data Pipeline

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#### Question #428Topic 1

A business requires the migration of a significant amount of data from an on-premises data center to the AWS Cloud. The internet connection at the workplace is sluggish and unstable.

Which Amazon Web Services (AWS) service is capable of facilitating this data transfer?

- A. Amazon S3 Glacier
- B. AWS Snowball

- C. AWS Storage Gateway
- D. Amazon Elastic File System (Amazon EFS)

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#### Question #429Topic 1

Which AWS service or functionality allows customers to encrypt data stored in Amazon S3 during the storage process?

- A. IAM policies
- B. Server-side encryption
- C. Amazon GuardDuty
- D. Client-side encryption

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#### Question #430Topic 1

AWS provides which of the following security-related services? (Select two.)

- A. Multi-factor authentication physical tokens
- B. AWS Trusted Advisor security checks
- C. Data encryption
- D. Automated penetration testing
- E. Amazon S3 copyrighted content detection

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#### Question #431Topic 1

Which AWS Help plan gives the bare minimum technical support through phone calls?

- A. Enterprise
- B. Business
- C. Developer
- D. Basic

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#### Question #432Topic 1

A business makes use of Amazon S3 buckets. To satisfy new needs, one of the company's departments activated S3 Cross-Region Replication for those buckets. The company's monthly bill was higher than normal.

Which AWS service or functionality may be utilized to verify that the cost increase is due to data replication?

- A. Consolidated billing
- B. Cost Explorer
- C. AWS Pricing Calculator
- D. AWS Trusted Advisor

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#### Question #433Topic 1

A business want to grow from one AWS Region to another.

What steps must the firm take to begin supporting the new Region?

- A. Contact an AWS Account Manager to sign a new contract
- B. Move an Availability Zone to the new Region
- C. Begin deploying resources in the second Region
- D. Download the AWS Management Console for the new Region

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#### Question #434Topic 1

A business is contemplating transferring its applications to Amazon Web Services (AWS). The organization want to evaluate the cost of operating the workload on-premises vs running it on the AWS platform.

Which tool is appropriate for doing this comparison?

- A. AWS Simple Monthly Calculator
- B. AWS Total Cost of Ownership (TCO) Calculator
- C. AWS Billing and Cost Management console
- D. Cost Explorer

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#### Question #435Topic 1

Each department inside a business has its own distinct Amazon Web Services account and payment mechanism. The new leadership of the corporation wants to centralize control and consolidate payments.

How may this be accomplished via the use of AWS services or features?

- A. Forward monthly invoices for each account. Then create IAM roles to allow cross-account access.
- B. Create a new AWS account. Then configure AWS Organizations and invite all existing accounts to join.
- C. Configure AWS Organizations in each of the existing accounts. Then link all accounts together.

- D. Use Cost Explorer to combine costs from all accounts. Then replicate IAM policies across accounts.

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#### Question #436Topic 1

A user must have access to as many resources as necessary. Additionally, the user need the capacity to scale up and down with just a few minutes' notice.

Which AWS Cloud advantage best defines these capabilities?

- A. Reliability
- B. Economy of scale
- C. Elasticity
- D. Pay-as-you-go pricing

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#### Question #437Topic 1

A business intends to develop a new application that will operate on Amazon EC2 instances and backup data to Amazon S3 using Amazon Elastic Block Store (EBS) volumes. Before deciding on a deployment strategy, the organization needs to estimate the monthly expenses of operating the application.

Which Amazon Web Services (AWS) function or capability may be utilized to calculate these costs?

- A. Cost Explorer
- B. AWS Pricing Calculator
- C. AWS Cost and Usage Report
- D. AWS Budgets

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#### Question #438Topic 1

Which condition must be completed in order to delink a member account from an AWS Organizations account?

- A. The linked account must be actively compliant with AWS System and Organization Controls (SOC).
- B. The payer and the linked account must both create AWS Support cases to request that the member account be unlinked from the organization.
- C. The member account must meet the requirements of a standalone account.
- D. The payer account must be used to remove the linked account from the organization.

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#### Question #439Topic 1

Which AWS dashboard delivers relevant and timely information to assist users in managing ongoing events and in planning for upcoming activities?

- A. AWS Service Health Dashboard
- B. AWS Personal Health Dashboard
- C. AWS Trusted Advisor dashboard
- D. Amazon CloudWatch dashboard

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#### Question #440Topic 1

Which actions can an IAM user accomplish if they have been given all available AWS Identity and Access Management (IAM) permissions?  
(Select two.)

- A. Activate IAM access to the AWS Billing and Cost Management console.
- B. Close an AWS account.
- C. Turn on multi-factor authentication (MFA) for non-administrative IAM users.
- D. Change the AWS Support plan.
- E. Delegate access to another AWS account.

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#### Question #441Topic 1

What components of a credential are necessary to get programmatic access to an Amazon Web Services account? (Select two.)

- A. An access key ID
- B. A primary key
- C. A secret access key
- D. A user ID
- E. A secondary key

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#### Question #442Topic 1

A business needs safe access to an Amazon S3 bucket from an Amazon EC2 instance without requiring internet connectivity.

What strategy should the business use to reach this objective?

- A. VPN connection
- B. Internet gateway
- C. VPC endpoint

- D. NAT gateway

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#### Question #443Topic 1

The Amazon Web Services (AWS) Total Cost of Ownership (TCO) Calculator is used to determine the following:

- A. receive reports that break down AWS Cloud compute costs by duration, resource, or tags
- B. estimate savings when comparing the AWS Cloud to an on-premises environment
- C. estimate a monthly bill for the AWS Cloud resources that will be used
- D. enable billing alerts to monitor actual AWS costs compared to estimated costs

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#### Question #444Topic 1

Which solution for catastrophe recovery is the LEAST expensive?

- A. Warm standby
- B. Multisite
- C. Backup and restore
- D. Pilot light

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#### Question #445Topic 1

A business is considering migrating from on-premises to AWS Cloud.

Which Amazon Web Services tool or service provide thorough data on expected cost reductions upon migration?

- A. AWS Total Cost of Ownership (TCO) Calculator
- B. Cost Explorer
- C. AWS Budgets
- D. AWS Migration Hub

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#### Question #446Topic 1

How is AWS asset management simpler than managing assets in a traditional data center?

- A. AWS provides a Configuration Management Database that users can maintain.
- B. AWS performs infrastructure discovery scans on the customer's behalf.
- C. Amazon EC2 automatically generates an asset report and places it in the customer's specified Amazon S3 bucket.

- D. Users can gather asset metadata reliably with a few API calls.

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#### Question #447 Topic 1

What are the advantages of building and operating a new application on the AWS Cloud over on-premises development and deployment? (Select two.)

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

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#### Question #448 Topic 1

A business wishes to deploy a highly available workload on AWS along with a disaster recovery strategy that would enable it to recover in the event of a regional service outage.

Which arrangement will satisfy these criteria?

- A. Run on two Availability Zones in one AWS Region, using the additional Availability Zones in the AWS Region for the disaster recovery site.
- B. Run on two Availability Zones in one AWS Region, using another AWS Region for the disaster recovery site.
- C. Run on two Availability Zones in one AWS Region, using a local AWS Region for the disaster recovery site.
- D. Run across two AWS Regions, using a third AWS Region for the disaster recovery site.

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#### Question #449 Topic 1

A business needs to verify that two Amazon EC2 instances are located in different data centers with the lowest possible communication delay between them.

How is the business going to achieve this requirement?

- A. Place the EC2 instances in two separate AWS Regions connected with a VPC peering connection.
- B. Place the EC2 instances in two separate Availability Zones within the same AWS Region.
- C. Place one EC2 instance on premises and the other in an AWS Region. Then connect them by using an AWS VPN connection.
- D. Place both EC2 instances in a placement group for dedicated bandwidth.

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#### Question #450Topic 1

Which tool may be used to generate notifications when the cost of AWS services, either real or anticipated, exceeds a predefined threshold?

- A. Cost Explorer
- B. AWS Budgets
- C. AWS Cost and Usage Report
- D. AWS CloudTrail

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#### Question #451Topic 1

Where can consumers obtain a list of AWS-recognized third-party security solution providers?

- A. AWS Service Catalog
- B. AWS Marketplace
- C. AWS Quick Start
- D. AWS CodeDeploy

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#### Question #452Topic 1

A new service built on AWS must be very reliable. However, regulatory constraints mandate that all of its Amazon EC2 instances be situated in a single geographic region.

To comply with these criteria, best practices recommend that the EC2 instances be split into at least two groups:

- A. AWS Regions
- B. Availability Zones
- C. subnets
- D. placement groups

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#### Question #453Topic 1

Which AWS services are responsible for managing and automating application deployments? (Select two.)

- A. AWS Elastic Beanstalk
- B. AWS CodeCommit
- C. AWS Data Pipeline
- D. AWS CloudFormation
- E. AWS Config



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Question #454Topic 1

Which of the following may be used to track down an Amazon EC2 instance's stopper?

- A. AWS CloudTrail
- B. Amazon Inspector
- C. Amazon CloudWatch
- D. VPC Flow Logs

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Question #455Topic 1

A user wishes to migrate old apps to the AWS Cloud in order to decrease total cost of ownership.

Which of the following options is the MOST cost-effective in terms of best practices?

- A. Rewrite the legacy applications in an open-source language, such as Python.
- B. Right-size the Amazon EC2 instances to prevent over-provisioning in terms of compute and memory.
- C. Migrate relational databases to Amazon DynamoDB.
- D. Reserve a data center facility with an upfront payment, which provides an additional discount.

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Question #456Topic 1

A business uses an Amazon S3 bucket to store photographs for a public-facing website that is visited by millions of visitors worldwide.

Which AWS service will deliver this material with the least amount of lag possible?

- A. AWS WAF
- B. Amazon CloudWatch
- C. Amazon Cloud Front
- D. AWS CloudFormation

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Question #457Topic 1

A retailer is developing a new mobile application. The organization is deciding whether to develop the software on-premises or in the AWS Cloud.

Which of the following are advantages of developing this application on AWS? (Select two.)

- A. A large, upfront capital expense and low variable expenses

- B. Increased speed for trying out new projects
- C. Complete control over the physical security of the infrastructure
- D. Flexibility to scale up in minutes as the application becomes popular
- E. Ability to pick the specific data centers that will host the application servers

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#### Question #458Topic 1

Which of the following services has functionality for mitigating Distributed Denial of Service (DDoS) attacks? (Select two.)

- A. AWS WAF
- B. Amazon DynamoDB
- C. Amazon EC2
- D. Amazon CloudFront
- E. Amazon Inspector

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#### Question #459Topic 1

Which AWS service enables users to define custom pricing and usage restrictions and get notifications when those limits are exceeded?

- A. AWS Organizations
- B. AWS Budgets
- C. Cost Explorer
- D. AWS Trusted Advisor

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#### Question #460Topic 1

How does AWS charge for AWS Lambda consumption that exceeds the free tier? (Select two.)

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

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#### Question #461Topic 1

A business uses Amazon EC2 Auto Scaling to manage the scaling of its Amazon EC2 instances.

Which AWS Cloud feature does this case demonstrate?

- A. High availability
- B. Elasticity
- C. Reliability
- D. Global reach

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#### Question #462Topic 1

A business utilizes a Java web application. The organization want to utilize auto deployment to provide the AWS infrastructure and update its application.  
Which AWS service will satisfy these criteria?

- A. AWS Auto Scaling
- B. AWS Elastic Beanstalk
- C. AWS Control Tower
- D. Amazon EC2

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#### Question #463Topic 1

Which activity on the AWS Cloud is a customer duty under the AWS shared responsibility model?

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

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#### Question #464Topic 1

Which Amazon Web Services (AWS) offering enables customers to deploy resources in a consistent and repeatable manner?

- A. AWS Systems Manager
- B. AWS CloudFormation
- C. AWS Batch
- D. AWS Config

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#### Question #465Topic 1

AWS Cloud systems are built to endure the failure of one or more components.

What is this an illustration of?

- A. Elasticity
- B. High Availability
- C. Scalability
- D. Agility

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#### Question #466 Topic 1

Which AWS Cloud feature is shown by an architecture's capacity to recover quickly from failures?

- A. Agility
- B. Elasticity
- C. Scalability
- D. High availability

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#### Question #467 Topic 1

Which Amazon RDS feature enables the creation of globally redundant databases?

- A. Snapshots
- B. Automatic patching and updating
- C. Cross-Region read replicas
- D. Provisioned IOPS

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#### Question #468 Topic 1

A business is in the process of moving from on-premises data centers to the AWS Cloud and is searching for hands-on assistance.

How can the business get this assistance? (Select two.)

- A. Ask for a quote from the AWS Marketplace team to perform a migration into the company's AWS account.
- B. Contact AWS Support and open a case for assistance
- C. Use AWS Professional Services to provide guidance and to set up an AWS Landing Zone in the company's AWS account
- D. Select a partner from the AWS Partner Network (APN) to assist with the migration
- E. Use Amazon Connect to create a new request for proposal (RFP) for expert assistance in migrating to the AWS Cloud.

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#### Question #469 Topic 1

Which of the following are legitimate modes of communication between a client and AWS services? (Select two.)

- A. Command line interface
- B. On-premises
- C. Software Development Kits
- D. Software-as-a-service
- E. Hybrid

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#### Question #470Topic 1

An IT department may deploy more servers in excess of what is required to operate a task.

Which cloud architecture design principle advocates for reversing this course of action?

- A. Protect data in transit and at rest.
- B. Stop guessing capacity.
- C. Improve through game days.
- D. Annotate documentation.

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#### Question #471Topic 1

Which AWS service or feature enables users to effortlessly extend connection across thousands of virtual private clouds (VPCs)?

- A. VPC peering
- B. AWS Transit Gateway
- C. AWS Direct Connect
- D. AWS Global Accelerator

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#### Question #472Topic 1

Which AWS solution enables businesses to link an Amazon Virtual Private Cloud (VPC) to an on-premises data center?

- A. AWS VPN
- B. Amazon Redshift
- C. API Gateway
- D. Amazon Connect

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Question #473Topic 1

A client need a MySQL database that scales quickly.

Which Amazon Web Services (AWS) service should they use?

- A. Amazon Aurora
- B. Amazon Redshift
- C. Amazon DynamoDB
- D. Amazon ElastiCache

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Question #474Topic 1

Which security credentials are needed to use the AWS Command Line Interface (AWS CLI) to execute commands?

- A. Access Key ID and Secret Access Key
- B. AWS root user email and password
- C. Amazon Elastic Compute Cloud (Amazon EC2) key pairs
- D. AWS Identity and Access Management (IAM) user name and password

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Question #475Topic 1

Which Amazon Web Services offering is best suited for event-driven workloads?

- A. Amazon EC2
- B. AWS Elastic Beanstalk
- C. AWS Lambda
- D. Amazon Lumberyard

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Question #476Topic 1

Which Amazon Web Services (AWS) function or capability is utilized to resolve network connection difficulties between Amazon EC2 instances?

- A. AWS Certificate Manager (ACM)
- B. Internet gateway
- C. VPC Flow Logs
- D. AWS CloudHSM

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Question #477Topic 1

Which of the following are advantages of using AWS's cloud computing platform? (Select two.)

- A. 100% fault tolerance
- B. Total control over underlying infrastructure
- C. Fast provisioning of IT resources
- D. Outsourcing all application coding to AWS
- E. Ability to go global quickly

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Question #478Topic 1

Which AWS service makes AWS security and compliance documents available on-demand?

- A. AWS Directory Service
- B. AWS Artifact
- C. AWS Trusted Advisor
- D. Amazon Inspector

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Question #479Topic 1

Which AWS service is capable of converting text to natural-sounding speech?

- A. Amazon Polly
- B. Amazon Transcribe
- C. Amazon Rekognition
- D. Amazon Lex

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Question #480Topic 1

A business has an application that is used in Australia and Brazil. All of the company's infrastructure is now provided in Australia's Asia Pacific (Sydney) Region, which results in excessive latency for Brazilian consumers.

What should the business do to minimize latency?

- A. Implement AWS Direct Connect for users in Brazil
- B. Provision resources in the South America (São Paulo) Region in Brazil
- C. Use AWS Transit Gateway to quickly route users from Brazil to the application
- D. Launch additional Amazon EC2 instances in Sydney to handle the demand

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Question #481Topic 1

To maximize expenses and resource utilization, a business must monitor the operational health of its whole AWS Cloud computing system.

Which AWS service will satisfy these criteria?

- A. AWS Organizations
- B. Amazon CloudWatch
- C. AWS CloudTrail
- D. AWS Config

[Reveal Solution](#) [Discussion](#) **3**

#### Question #482Topic 1

A business is transferring its on-premises data center to AWS and want to give Linux customers with NFS access.

Which Amazon Web Services (AWS) service should the business use?

- A. Amazon S3
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon S3 Glacier

[Reveal Solution](#) [Discussion](#) **1**

#### Question #483Topic 1

What steps should a client take if they fear their AWS account has been compromised? (Select two.)

- A. Rotate passwords and access keys.
- B. Remove MFA tokens.
- C. Move resources to a different AWS Region.
- D. Delete AWS CloudTrail Resources.
- E. Contact AWS Support.

[Reveal Solution](#) [Discussion](#)

#### Question #484Topic 1

Which Amazon Web Services (AWS) offering provides managed NoSQL databases?

- A. Amazon Redshift
- B. Amazon DynamoDB
- C. Amazon Aurora
- D. Amazon RDS for MariaDB

[Reveal Solution](#) [Discussion](#) **4**



#### Question #485Topic 1

Which of the following is a managed Domain Name System (DNS) online service provided by Amazon Web Services (AWS)?

- A. Amazon Route 53
- B. Amazon Neptune
- C. Amazon SageMaker
- D. Amazon Lightsail

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#### Question #486Topic 1

A corporation with headquarters in the us-east-1 Region and a satellite office in the eu-west-2 Region is located in the us-east-1 Region. Amazon WorkSpaces will be used to host the company's internal web portal and virtual desktops for workers.

What should the business do to decrease delay and guarantee that workers function optimally?

- A. Deploy the internal web portal and virtual desktops to us-east-1 only. Use an Amazon CloudFront distribution for the users in eu-west-2.
- B. Deploy the internal web portal to us-east-1 only. Deploy the virtual desktops to us-east-1 and eu-west-2.
- C. Deploy the internal web portal to us-east-1 and eu-west-2. Deploy the virtual desktops on network optimized Amazon EC2 instances to us-east-1 only.
- D. Deploy the internal web portal and virtual desktops to us-east-1 and eu-west-2.

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#### Question #487Topic 1

A business's workload is spread over the AWS Cloud and some on-premises systems.

Which architectural style is this?

- A. Virtual private network
- B. Virtual private cloud
- C. Hybrid cloud
- D. Private cloud

[Reveal Solution](#) [Discussion](#) 3

#### Question #488Topic 1

A cloud practitioner must have an efficient approach for reducing application latency and increasing end-user performance.

Which services will be beneficial? (Select two.)

- A. Amazon Elastic Container Service (Amazon ECS) for Kubernetes
- B. Amazon S3
- C. Amazon AppStream 2.0
- D. Amazon ElastiCache
- E. Amazon CloudFront

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#### Question #489 Topic 1

Which AWS service should a cloud practitioner utilize to determine an AWS account's security vulnerabilities?

- A. AWS Secrets Manager
- B. Amazon Cognito
- C. Amazon Macie
- D. AWS Trusted Advisor

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#### Question #490 Topic 1

Which features and advantages are included with the AWS Organizations service? (Select two.)

- A. Establishing real-time communications between members of an internal team
- B. Facilitating the use of NoSQL databases
- C. Providing automated security checks
- D. Implementing consolidated billing
- E. Enforcing the governance of AWS accounts

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#### Question #491 Topic 1

Which Amazon Web Services (AWS) offering should a business employ to break huge monolithic apps into smaller microservices components?

- A. AWS Direct Connect
- B. Amazon Lightsail
- C. Amazon Simple Queue Service (Amazon SQS)
- D. Amazon CloudWatch

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#### Question #492 Topic 1

How can the AWS Cloud boost user labor productivity after a data center migration?

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

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#### Question #493Topic 1

A business need an Amazon S3 bucket that cannot include any public objects in order to comply with regulatory obligations.

How is this possible?

- A. Enable S3 Block Public Access from the AWS Management Console.
- B. Hold a team meeting to discuss the importance if only uploading private S3 objects.
- C. Require all S3 objects to be manually approved before uploading.
- D. Create a service to monitor all S3 uploads and remove any public uploads.

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#### Question #494Topic 1

Which of the following factors contribute to the total cost of ownership of an AWS Cloud workload? (Select two.)

- A. Hardware maintenance
- B. Power and cooling
- C. Storage costs
- D. Space for data center
- E. Network costs

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#### Question #495Topic 1

Which AWS Cloud service enables users to get notifications when their specified expenditure thresholds are exceeded?

- A. AWS Budgets
- B. AWS Cost Explorer
- C. AWS Cost Allocation Tags
- D. AWS Organizations

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#### Question #496Topic 1

A business wishes to transfer a small website and database from on-premises infrastructure to the AWS Cloud in a timely manner. The company's operational expertise is insufficient to carry out the relocation.

Which AWS service is appropriate for this scenario?

- A. Amazon EC2
- B. Amazon Lightsail
- C. Amazon S3
- D. AWS Lambda

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#### Question #497Topic 1

Which Amazon Web Services service consolidates, organizes, and prioritizes security warnings and results from several Amazon Web Services services?

- A. Amazon Detective
- B. Amazon Inspector
- C. Amazon Macie
- D. AWS Security Hub

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#### Question #498Topic 1

Which AWS service gives a personalized picture of the health of the individual AWS services that enable a customer's AWS workloads?

- A. AWS Service Health Dashboard
- B. AWS X-Ray
- C. AWS Personal Health Dashboard
- D. Amazon CloudWatch

[Reveal Solution](#) [Discussion](#)

#### Question #499Topic 1

A user must audit and review the configuration of all AWS resources on a regular basis, detect non-compliant accounts, and be alerted when a resource changes.

Which Amazon Web Services (AWS) offering may be utilized to fulfill these requirements?

- A. AWS Trusted Advisor
- B. AWS Config
- C. AWS Resource Access Manager
- D. AWS Systems Manager

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Question #500Topic 1

Which service is ideal for storing the results of typical database queries, hence alleviating database access load?

- A. Amazon Machine Learning
- B. Amazon SQS
- C. Amazon ElastiCache
- D. Amazon EC2 Instance Store

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Question #501Topic 1

Which tool is used to anticipate Amazon Web Services (AWS) spending?

- A. AWS Trusted Advisor
- B. AWS Organizations
- C. Cost Explorer
- D. Amazon Inspector

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Question #502Topic 1

Which tool can be used to evaluate the expenses of operating a web application on AWS with a conventional hosting environment?

- A. AWS Cost Explorer
- B. AWS Budgets
- C. AWS Cost and Usage report
- D. AWS Total Cost of Ownership (TCO) Calculator

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Question #503Topic 1

To save money, a user must discover unused Amazon Elastic Block Store (Amazon EBS) volumes.

Which Amazon Web Services (AWS) service or functionality will satisfy this requirement?

- A. AWS CloudTrail
- B. AWS Budgets
- C. AWS Trusted Advisor
- D. AWS Personal Health Dashboard

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Question #504Topic 1

A user has a stateful workload that will operate for the next three years on Amazon EC2.

Which price plan is the MOST cost-effective for this workload?

- A. On-Demand Instances
- B. Reserved Instances
- C. Dedicated Instances
- D. Spot Instances

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Question #505Topic 1

Which Amazon Web Services (AWS) service or functionality can be utilized to protect against SQL injection attacks?

- A. Security groups
- B. Network ACLs
- C. AWS WAF
- D. IAM policy

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Question #506Topic 1

Which approach enables developers to make AWS services available from inside their application code?

- A. AWS Software Development Kit
- B. AWS Management Console
- C. AWS CodePipeline
- D. AWS Config

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Question #507Topic 1

What information can assist a business in doing a cost-benefit analysis of shifting to the AWS Cloud?

- A. Cost Explorer
- B. AWS Total Cost of Ownership (TCO) Calculator
- C. AWS Simple Monthly Calculator
- D. AWS Trusted Advisor

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Question #508Topic 1

Which AWS global infrastructure service is used to cache copies of information to enable quicker delivery to consumers worldwide?

- A. AWS Regions
- B. Availability Zones
- C. Edge locations
- D. Data centers

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#### Question #509Topic 1

Which catastrophe recovery scenario has the least downtime?

- A. Backup and restore
- B. Pilot light
- C. Warm standby
- D. Multi-site active-active

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#### Question #510Topic 1

A business intends to create an ecommerce site in a single AWS Region for a global audience.

Which AWS services will enable the business to contact people while maintaining a low latency and high transfer rate? (Select two.)

- A. Application Load Balancer
- B. AWS Global Accelerator
- C. AWS Direct Connect
- D. Amazon CloudFront
- E. AWS Lambda

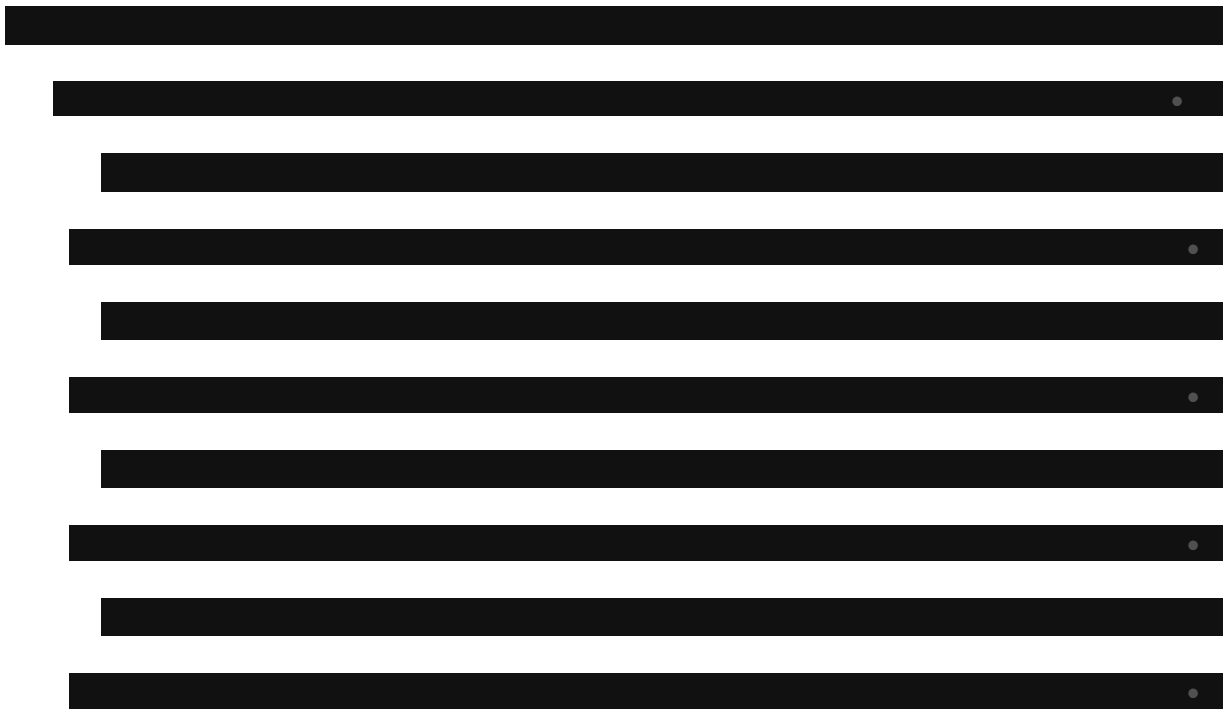
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## Amazon AWS Certified Cloud Practitioner Exam Practice Questions (P. 52)

The questions for AWS Certified Cloud Practitioner were last updated at June 27, 2022.

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### Question #511 *Topic 1*

A business intends to store confidential data in an Amazon S3 bucket.

Which job falls within the purview of AWS?

- A. Activate encryption at rest for the data.
- B. Provide security for the physical infrastructure.
- C. Train the company's employees about cloud security.
- D. Remove personally identifiable information (PII) from the data.

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### Question #512 *Topic 1*

Which Amazon Web Services (AWS) offering allows customers to replicate resources across AWS Regions?

- A. Amazon ElastiCache
- B. AWS CloudFormation
- C. AWS CloudTrail
- D. AWS Systems Manager

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### Question #513 *Topic 1*

Which of the following approaches does AWS allow for securing Identity and Access Management (IAM) users? (Select two.)

- A. Implementing Amazon Rekognition
- B. Using AWS Shield-protected resources
- C. Blocking access with Security Groups
- D. Using Multi-Factor Authentication (MFA)

- E. Enforcing password strength and expiration

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#### Question #514Topic 1

A business's whole server infrastructure is located in the us-east-1 Region. The corporation is mulling the possibility of deploying new servers in a different Region.

Which AWS service should the business utilize to get price information for other regions?

- A. Cost Explorer
- B. AWS Budgets
- C. AWS Purchase Order Management
- D. AWS Pricing Calculator

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#### Question #515Topic 1

A multinational corporation is developing a straightforward time-tracking smartphone application. The application must be globally accessible and store gathered data in a database. The data must be available from the nearest AWS Region to the user.

What should the business do to ensure that these data storage needs are met with the LEAST amount of operational overhead possible?

- 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).

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#### Question #516Topic 1

A retailer is tasked with the responsibility of developing a highly accessible architecture for a new ecommerce platform. The organization is using the only AWS offering that allows for data replication across various Availability Zones.

Which Amazon Web Offerings (AWS) services should the business employ to achieve this requirement? (Select two.)

- A. Amazon EC2
- B. Amazon Elastic Block Store (Amazon EBS)
- C. Amazon Aurora
- D. Amazon DynamoDB
- E. Amazon Redshift

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Question #517Topic 1

A user wishes to encrypt data that AWS CloudTrail receives, stores, and manages.

Which Amazon Web Services (AWS) offering will give this capability?

- A. AWS Secrets Manager
- B. AWS Systems Manager
- C. AWS Key Management Service (AWS KMS)
- D. AWS Certificate Manager

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Question #518Topic 1

Which Amazon EC2 instance price model offers up to a 90% discount?

- A. Reserved Instances
- B. On-Demand
- C. Dedicated Hosts
- D. Spot Instances

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Question #519Topic 1

According to the AWS shared responsibility model, which of the following is the customer's duty for installing the latest security updates and patches?

- A. Amazon DynamoDB
- B. Amazon EC2 instances
- C. Amazon RDS instances
- D. Amazon S3

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Question #520Topic 1

Which of the following duties falls within the purview of AWS?

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

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Question #521Topic 1

A business must maintain records of any resource modifications made using the AWS Management Console or AWS APIs.

Which Amazon Web Services (AWS) offering should the business employ to achieve this requirement?

- A. Amazon CloudWatch
- B. AWS CloudTrail
- C. AWS X-Ray
- D. Amazon Inspector

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#### Question #522Topic 1

The capacity to grow Amazon EC2 instances horizontally in response to demand is an illustration of which idea in the AWS Cloud value proposition?

- A. Economy of scale
- B. Elasticity
- C. High availability
- D. Agility

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#### Question #523Topic 1

A firm maintains a mission-critical Amazon RDS for MySQL DB instance in a single Availability Zone.

Which approach will increase the database instance's availability?

- A. Convert the DB instance into a multi-Region deployment.
- B. Create an Amazon Simple Queue Service (Amazon SQS) queue in the same AWS Region to manage writes to the DB instance.
- C. Convert the DB instance into a Multi-AZ deployment.
- D. Create an Amazon Simple Queue Service (Amazon SQS) queue in a different AWS Region to manage writes to the DB instance.

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#### Question #524Topic 1

A business is transferring an application that will run non-stop workloads for three years.

Which pricing strategy would be the MOST cost-effective?

- A. Amazon EC2 Spot Instances
- B. Amazon EC2 Dedicated Instances
- C. Amazon EC2 On-Demand Instances

- D. Amazon EC2 Reserved Instances

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#### Question #525Topic 1

Which AWS Support plan is the bare minimum that includes Infrastructure Event Management without extra charges?

- A. Enterprise
- B. Business
- C. Developer
- D. Basic

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#### Question #526Topic 1

Which AWS service enables the creation of inbound and outbound network access control lists (ACLs) for the purpose of hardening external connection to Amazon EC2?

- A. AWS IAM
- B. Amazon Connect
- C. Amazon VPC
- D. Amazon API Gateway

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#### Question #527Topic 1

What are the recommended practices for IAM when it comes to AWS account root user access keys?

- A. Delete all root user access keys, if possible.
- B. Use root user credentials to access sensitive information stored on AWS.
- C. Allow the system administrator group to use the root user credentials for daily access.
- D. Use root user credentials to access production database instances.

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#### Question #528Topic 1

Which AWS services are capable of being scaled automatically with AWS Auto Scaling? (Select two.)

- A. Amazon EC2
- B. Amazon DynamoDB
- C. Amazon S3
- D. Amazon Route 53

- E. Amazon Redshift

[Reveal Solution](#) [Discussion](#) **4**

#### Question #529Topic 1

A business has various data sources scattered across the enterprise and want to combine them into a single data warehouse.

Which AWS service is appropriate for this requirement?

- A. Amazon DynamoDB
- B. Amazon Redshift
- C. Amazon Athena
- D. Amazon QuickSight

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#### Question #530Topic 1

A business has several departments. Each department has its own Amazon Web Services (AWS) account.

Which AWS service or technology may be used to consolidate invoicing for all accounts into a single invoice?

- A. Amazon Forecast
- B. AWS Budgets
- C. AWS Organizations
- D. AWS Marketplace

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#### Question #531Topic 1

How can a user ensure high availability for an AWS-hosted web application?

- A. Use a Classic Load Balancer across multiple AWS Regions.
- B. Use an Application Load Balancer across multiple Availability Zones in one AWS Region.
- C. Set up automatic scaling and load balancing with another application instance running on premises.
- D. Use the AWS Region with the highest number of Availability Zones.

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#### Question #532Topic 1

Which job is an AWS responsibility while an Amazon RDS workload is running?

- A. Creating the database table
- B. Updating the database schema
- C. Installing the database engine
- D. Dropping the database records

[Reveal Solution](#) [Discussion](#)

#### Question #533Topic 1

Which AWS service enables rapid and automatic account creation and management?

- A. AWS QuickSight
- B. Amazon Lightsail
- C. AWS Organizations
- D. Amazon Connect

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#### Question #534Topic 1

A business want to transfer a MySQL database to AWS but lacks the funding to hire Database Administrators to undertake basic duties such as provisioning, patching, and backups.

Which AWS service is appropriate for this scenario?

- A. Amazon RDS
- B. Amazon DynamoDB
- C. Amazon DocumentDB
- D. Amazon ElastiCache

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#### Question #535Topic 1

A business wants to store data with high availability, encrypt it at rest, and have direct internet access to it.

Which AWS service would best match these objectives in terms of cost?

- A. Amazon Elastic Block Store (Amazon EBS)
- B. Amazon S3
- C. Amazon Elastic File System (Amazon EFS)
- D. AWS Storage Gateway

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#### Question #536Topic 1

Which design principles enables the AWS Cloud to optimize workload performance? (Select two.)

- A. Minimize upfront design
- B. Loose coupling
- C. Disposable resources
- D. Server design and concurrency
- E. Minimal viable product

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#### Question #537Topic 1

A business has an AWS environment that comprises of a virtual private cloud (VPC), various subnets, and a large number of Amazon EC2 instances inside the subnets. An engineer want to limit incoming traffic to a single EC2 instance while leaving other EC2 instances unaffected. Which AWS service or functionality should the developer use to accomplish this task?

- A. Network ACLs
- B. Security groups
- C. Amazon GuardDuty
- D. AWS Shield

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#### Question #538Topic 1

What are the commercial benefits of running workloads on AWS? (Select two.)

- A. Less staff time is required to deploy new workloads.
- B. Increased time to market for new application features.
- C. Higher acquisition costs to support peak workloads.
- D. Increased productivity for application development teams.
- E. A decrease in the average server CPU utilization.

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#### Question #539Topic 1

Which AWS service or feature assists in restricting which AWS services, resources, and particular API activities each member account's users and roles may access?

- A. Amazon Cognito
- B. AWS Organizations
- C. AWS Shield
- D. AWS Firewall Manager

[Reveal Solution](#) [Discussion](#) **1**

#### Question #540Topic 1

A business wishes to migrate its data center to the Amazon Web Services (AWS) Cloud. Technology executives must prepare a business case that details the most cost-effective



deployment and procurement strategies.

Which AWS service or functionality provides the LEAST amount of operational overhead for this task?

- A. AWS Migration Evaluator
- B. AWS Application Discovery Service
- C. AWS Migration Hub
- D. AWS Server Migration Service (AWS SMS)

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Question #541Topic 1

Which of the following contributes to the identification of departmental costs? (Select two.)

- A. Using tags on resources
- B. Using multiple AWS accounts
- C. Using an account manager
- D. Using AWS Trusted Advisor
- E. Using Consolidated Billing

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Question #542Topic 1

Which AWS Trusted Advisor function is accessible to AWS Business Support or AWS Enterprise Support customers only?

- A. Notification setup
- B. Refresh checks
- C. AWS Support API
- D. Action links

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Question #543Topic 1

A business wishes to split its incoming traffic amongst numerous Amazon EC2 instances.

Which Amazon Web Services (AWS) service or functionality should be employed to fulfill this requirement?

- A. Amazon Virtual Private Cloud (Amazon VPC)
- B. AWS Application Load Balancer
- C. AWS Managed VPN
- D. AWS Direct Connect

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Question #544Topic 1

Which AWS services or capabilities allow customers to connect their on-premises networks to a virtual private cloud (VPC)? (Select two.)

- A. AWS VPN
- B. Elastic Load Balancing
- C. AWS Direct Connect
- D. VPC peering
- E. Amazon CloudFront

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Question #545Topic 1

A business maintains a MySQL database on a single Amazon EC2 instance. The business now demands a greater level of availability in the event of a failure.

Which collection of tasks would satisfy this criterion?

- A. Add an Application Load Balancer in front of the EC2 instance
- B. Configure EC2 Auto Recovery to move the instance to another Availability Zone
- C. Migrate to Amazon RDS and enable Multi-AZ
- D. Enable termination protection for the EC2 instance to avoid outages

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Question #546Topic 1

Which of the following is a duty of the client while utilizing Amazon RDS?

- A. Patching the operating system of underlying hardware
- B. Controlling traffic to and from the database through security groups
- C. Running backups that enable point-in-time recovery of a DB instance
- D. Replacing failed DB instances

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Question #547Topic 1

What are the benefits of adopting the AWS Cloud versus an on-premises solution?

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

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#### Question #548Topic 1

A cloud practitioner needs an Amazon EC2 instance that can be launched and operate uninterrupted for seven hours.

Which choice is the most appropriate and cost-effective for this task?

- A. On-Demand Instance
- B. Reserved Instance
- C. Dedicated Host
- D. Spot Instance

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#### Question #549Topic 1

A web developer is apprehensive that a DDoS attack might be launched against his application. Which AWS services or features can assist defend you from a cyber-attack like this? (Select two.)

- A. AWS Shield
- B. AWS CloudTrail
- C. Amazon CloudFront
- D. AWS Support Center
- E. AWS Service Health Dashboard

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#### Question #550Topic 1

According to a company's traffic records, AWS-owned IP addresses are being utilized to try to flood ports on system resources.

Whom should the cloud practitioner contact in order to report this issue?

- A. AWS Professional Services
- B. AWS Abuse team
- C. AWS Partner Network (APN)
- D. AWS technical account manager (TAM)

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#### Question #551Topic 1

Which of the following is not an AWS recommended practice for managing the root user of an AWS account?

- 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.

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#### Question #552Topic 1

Which AWS storage solution is optimized for transferring petabytes of data between the cloud and on-premises?

- A. AWS Storage Gateway
- B. Amazon S3 Glacier Deep Archive
- C. Amazon Lightsail
- D. AWS Snowball

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#### Question #553Topic 1

Call recordings made to a bank's contact center must be kept for six years. The recordings must be available within 48 hours of the request being made.

Which AWS service will offer a secure and cost-effective way to keep these files?

- A. Amazon DynamoDB
- B. Amazon S3 Glacier
- C. Amazon Connect
- D. Amazon ElastiCache

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#### Question #554Topic 1

According to the AWS shared responsibility model, who is responsible for scheduling and conducting backups when using Amazon RDS?

- A. AWS is responsible for both tasks.
- B. The customer is responsible for scheduling and AWS is responsible for performing backups.
- C. The customer is responsible for both tasks.
- D. AWS is responsible for scheduling and the user is responsible for performing backups.

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#### Question #555Topic 1

Which AWS team aids clients with cloud adoption acceleration via paid engagements in one of many specialist practice areas?

- A. AWS Enterprise Support
- B. AWS Solutions Architects
- C. AWS Professional Services
- D. AWS Account Managers

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#### Question #556Topic 1

A financial services business want to verify that every activity on its AWS account is tracked in order to comply with regulatory obligations for logging, audits, and governance.

Which AWS service satisfies these criteria?

- A. AWS CloudTrail
- B. AWS Trusted Advisor
- C. AWS Config
- D. Amazon CloudWatch

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#### Question #557Topic 1

A business requires a content delivery network capable of securely delivering data, videos, apps, and APIs to users worldwide with a minimum of latency and a maximum of transfer speed.

Which AWS service satisfies these criteria?

- A. Amazon CloudFront
- B. Elastic Load Balancing
- C. Amazon S3
- D. Amazon Elastic Transcoder

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#### Question #558Topic 1

Which AWS service should be utilized to transfer an organization's MySQL database from on-premises to Amazon RDS?

- A. AWS Direct Connect
- B. AWS Server Migration Service (AWS SMS)
- C. AWS Database Migration Service (AWS DMS)
- D. AWS Schema Conversion Tool (AWS SCT)

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#### Question #559Topic 1

What is a Zone of Availability?

- A. A location where users can deploy compute, storage, database, and other select AWS services where no AWS Region currently exists.
- B. One or more discrete data centers with redundant power, networking, and connectivity
- C. One or more clusters of servers where new workloads can be deployed
- D. A fast content delivery network (CDN) service that securely delivers data, videos, applications, and APIs to users globally

[Reveal Solution](#) [Discussion](#)

Question #560Topic 1

Which auditing procedure is AWS solely responsible for?

- A. AWS IAM policies
- B. Physical security
- C. Amazon S3 bucket policies
- D. AWS CloudTrail Logs

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Question #561Topic 1

A business want to transition to AWS and continue using the same security software it now employs on-premises. On AWS, the security software company makes its security software available as a service.

Where can a business get a security solution?

- A. AWS Partner Solutions Finder
- B. AWS Support Center
- C. AWS Management Console
- D. AWS Marketplace

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Question #562Topic 1

Which AWS services should be utilized for read/write operations on data that is continually changing? (Select two.)

- A. Amazon Glacier
- B. Amazon RDS
- C. AWS Snowball
- D. Amazon Redshift
- E. Amazon EFS

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Question #563Topic 1

Which AWS hybrid storage option allows you to effortlessly integrate on-premises applications with AWS Cloud storage through conventional file-storage protocols?

- A. AWS Direct Connect
- B. AWS Snowball
- C. AWS Storage Gateway
- D. AWS Snowball Edge

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Question #564Topic 1

Which managed Amazon Web Services (AWS) solution gives real-time assistance on Amazon Web Services (AWS) security best practices?

- A. AWS X-Ray
- B. AWS Trusted Advisor
- C. Amazon CloudWatch
- D. AWS Systems Manager

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Question #565Topic 1

Which Amazon Web Services (AWS) services are available for migrating data from on-premises data centers to AWS? (Select two.)

- A. AWS Snowball
- B. AWS Lambda
- C. Amazon ElastiCache
- D. AWS Database Migration Service (AWS DMS)
- E. Amazon API Gateway

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Question #566Topic 1

Which component must be added to a virtual private cloud (VPC) in order to permit inbound Internet access?

- A. NAT gateway
- B. VPC endpoint
- C. VPN connection
- D. Internet gateway

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Question #567Topic 1

Unauthorized users are believed to have copied data from an Amazon S3 bucket to their own account.

Which AWS service will keep track of the user's actions?

- A. Amazon CloudWatch
- B. AWS CloudTrail
- C. AWS Infrastructure Event Management
- D. AWS Systems Manager

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Question #568Topic 1

Example Corp. was recently purchased by AnyCompany. Both companies use AWS resources, and AnyCompany would like a single charge that includes everything. Which of the following options enables AnyCompany to get a single bill?

- A. Example Corp. must submit a request to its AWS solutions architect or AWS technical account manager to link the accounts and consolidate billing.
- B. AnyCompany must create a new support case in the AWS Support Center requesting that both bills be combined.
- C. Send an invitation to join the organization from AnyCompany's AWS Organizations master account to Example Corp.
- D. Migrate the Example Corp. VPCs, Amazon EC2 instances, and other resources into the AnyCompany AWS account.

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Question #569Topic 1

Why should a business use AWS rather than a conventional data center?

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

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Question #570Topic 1

Which of the following characteristics of the Amazon Virtual Private Cloud (Amazon VPC) may be adjusted through the Amazon Virtual Private Cloud (Amazon VPC) Dashboard? (Select two.)

- A. Amazon CloudFront distributions
- B. Amazon Route 53
- C. Security Groups



- D. Subnets
- E. Elastic Load Balancing

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#### Question #571Topic 1

A firm's key business data must be stored on Amazon S3 with a backup in another AWS Region.

How is this accomplished?

- A. Use an Amazon CloudFront Content Delivery Network (CDN) to cache data globally
- B. Set up Amazon S3 cross-region replication to another AWS Region
- C. Configure the AWS Backup service to back up to the data to another AWS Region
- D. Take Amazon S3 bucket snapshots and copy that data to another AWS Region

[Reveal Solution](#) [Discussion](#) 4

#### Question #572Topic 1

Which of the following services is the customer's responsibility for system setup, security patching, and networking?

- A. Amazon RDS
- B. Amazon EC2
- C. Amazon ElastiCache
- D. AWS Fargate

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#### Question #573Topic 1

A business is migrating from an on-premises data center to the Amazon Web Services (AWS) Cloud.

What would be the single financial impact of the move?

- A. Moving from variable operational expense (opex) to upfront capital expense (capex).
- B. Moving from upfront capital expense (capex) to variable capital expense (capex).
- C. Moving from upfront capital expense (capex) to variable operational expense (opex).
- D. Elimination of upfront capital expense (capex) and elimination of variable operational expense (opex).

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#### Question #574Topic 1

Which AWS Cloud services are compatible with hybrid AWS Cloud architectures? (Select two.)

- A. Amazon Route 53

- B. Virtual Private Gateway
- C. Classic Load Balancer
- D. Auto Scaling
- E. Amazon CloudWatch default metrics

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#### Question #575Topic 1

Which of the following services would be appropriate for deploying an application to on-premises servers? (Select two.)

- A. AWS Elastic Beanstalk
- B. AWS OpsWorks
- C. AWS CodeDeploy
- D. AWS Batch
- E. AWS X-Ray

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#### Question #576Topic 1

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

- A. Fault Tolerance
- B. Instance Usage
- C. Infrastructure
- D. Performance
- E. Storage Capacity

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#### Question #577Topic 1

Which Amazon Web Services (AWS) services are capable of hosting a Microsoft SQL Server database? (Select two.)

- A. Amazon EC2
- B. Amazon Relational Database Service (Amazon RDS)
- C. Amazon Aurora
- D. Amazon Redshift
- E. Amazon S3

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#### Question #578Topic 1

A solutions architect must develop a cost estimate for AWS workloads. After that, the cost estimate must be forwarded to management for assessment.

Which Amazon Web Services (AWS) service or functionality should be utilized to complete these tasks?

- A. Cost Explorer
- B. Amazon QuickSight
- C. AWS Pricing Calculator
- D. AWS Budgets

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#### Question #579Topic 1

A director has been assigned the duty of conducting an investigation into hybrid cloud architecture. Currently, the firm connects to AWS through the public internet.

Which service is responsible for enabling private hybrid connectivity?

- A. Amazon Virtual Private Cloud (Amazon VPC) NAT Gateway
- B. AWS Direct Connect
- C. Amazon Simple Storage Service (Amazon S3) Transfer Acceleration
- D. AWS Web Application Firewall (AWS WAF)

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#### Question #580Topic 1

Which AWS service enables automated scaling up and down of an application without requiring capacity planning decisions?

- A. Amazon AutoScaling
- B. Amazon Redshift
- C. AWS CloudTrail
- D. AWS Lambda

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#### Question #581Topic 1

A user may improve operational efficiency in the AWS Cloud by doing the following actions:

- A. leveraging AWS managed services.
- B. right-sizing AWS infrastructure.
- C. manually creating all necessary resources.
- D. managing their own software licenses.

[Reveal Solution](#) [Discussion](#) 1

#### Question #582Topic 1

Which way of transcoding a large number of individual video files complies to the principles of AWS architecture?

- A. Using many instances in parallel
- B. Using a single large instance during off-peak hours
- C. Using dedicated hardware
- D. Using a large GPU instance type

[Reveal Solution](#) [Discussion](#) **7**

#### Question #583Topic 1

Which sorts of load balancers are supported by Elastic Load Balancing (ELB)? (Select two.)

- A. Public load balancers with AWS Application Auto Scaling capabilities
- B. F5 Big-IP and Citrix NetScaler load balancers
- C. Classic Load Balancers
- D. Cross-zone load balancers with public and private IPs
- E. Application Load Balancers

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#### Question #584Topic 1

A business wishes to automate the retention, generation, and deletion of snapshots in the Amazon Elastic Block Store (Amazon EBS).

Which Amazon Web Services (AWS) offering or functionality can the business employ to achieve this requirement?

- A. AWS Organizations
- B. Amazon Data Lifecycle Manager (Amazon DLM)
- C. AWS Systems Manager
- D. Amazon S3 Lifecycle policies

[Reveal Solution](#) [Discussion](#) **1**

#### Question #585Topic 1

Which of the following inspects Amazon Web Services environments for possibilities to save consumers money while simultaneously improving system performance?

- A. AWS Cost Explorer
- B. AWS Trusted Advisor
- C. Consolidated billing
- D. Detailed billing

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#### Question #586Topic 1

Which rules serve as the foundation for AWS's architectural design principles? (Select two.)

- A. Design for fixed resources.
- B. Build scalable architectures.
- C. Use tightly coupled components.
- D. Use managed services when possible.
- E. Design for human interaction

[Reveal Solution](#) [Discussion](#) 1

Question #587Topic 1

When is it advantageous for a business to employ a Spot Instance?

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

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Question #588Topic 1

Which of the following is a benefit of using Amazon Web Services?

- A. AWS audits user data.
- B. Data is automatically secure.
- C. There is no guessing on capacity needs.
- D. AWS manages compliance needs.

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Question #589Topic 1

How might consolidation of billing inside AWS Organizations assist in lowering monthly operating expenses?

- A. By providing a consolidated view of monthly billing across multiple accounts
- B. By pooling usage across multiple accounts to achieve a pricing tier discount
- C. By automating the creation of new accounts through APIs
- D. By leveraging service control policies (SCPs) for centralized service management

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Question #590Topic 1

Which of the following services allows you to view AWS compliance reports on-demand?

- A. AWS IAM
- B. AWS Artifact

- C. Amazon GuardDuty
- D. AWS KMS

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#### Question #591Topic 1

What is the least expensive, most durable method of storing database backups for instant retrieval?

- A. Amazon S3
- B. Amazon Glacier
- C. Amazon EBS
- D. Amazon EC2 Instance Store

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#### Question #592Topic 1

Which AWS services may be used to link an on-premises network to a VPC? (Select two.)

- A. Amazon Route 53
- B. AWS Direct Connect
- C. AWS Data Pipeline
- D. AWS VPN
- E. Amazon Connect

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#### Question #593Topic 1

A business that utilizes AWS Enterprise Support has concerns regarding their consolidated bill.

Which AWS service, feature, or tool should be used to aid the business?

- A. AWS Pricing Calculator
- B. AWS Concierge Support
- C. AWS Trusted Advisor
- D. AWS Budgets

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#### Question #594Topic 1

Which AWS service will enable the generation of encryption keys for use in encrypting data? (Select two.)

- A. Amazon Macie

- B. AWS Certificate Manager
- C. AWS Key Management Service (AWS KMS)
- D. AWS Secrets Manager
- E. AWS CloudHSM

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#### Question #595Topic 1

Which of the following options enables single sign-on (SSO) to the AWS Console for a customer?

- A. Amazon Connect
- B. AWS Directory Service
- C. Amazon Pinpoint
- D. Amazon Rekognition

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#### Question #596Topic 1

A security officer requests a list of any probable Amazon EC2 security group vulnerabilities.

Which Amazon Web Services (AWS) service should the officer use?

- A. Amazon GuardDuty
- B. AWS Trusted Advisor
- C. AWS CloudTrail
- D. AWS Artifact

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#### Question #597Topic 1

A security officer want to allow IPsec communications so that users from on-premises networks may safely connect to AWS.

Which Amazon Web Services (AWS) service or functionality should the officer utilize?

- A. Amazon VPC
- B. AWS VPN
- C. AWS Direct Connect
- D. Amazon Connect

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#### Question #598Topic 1

Which pricing model for Amazon EC2 should be utilized to adhere to per-core software licensing requirements?

- A. Dedicated Hosts
- B. On-Demand Instances
- C. Spot Instances
- D. Reserved Instances

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#### Question #599Topic 1

Which AWS managed service is best suited for traffic distribution across several Amazon EC2 instances?

- A. NAT gateway
- B. Elastic Load Balancing
- C. Amazon Athena
- D. AWS PrivateLink

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#### Question #600Topic 1

Which of the following statements is true about the economic advantages of using AWS Cloud? (Select two.)

- A. Consumption-based pricing
- B. Perpetual licenses
- C. Economies of scale
- D. AWS Enterprise Support at no additional cost
- E. Bring-your-own-hardware model

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#### Question #601Topic 1

Which Amazon Web Services feature enables temporary access to specified Amazon Web Services resources?

- A. AWS IAM Access Analyzer
- B. Service control policies (SCPs)
- C. Access control lists (ACLs)
- D. IAM roles

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#### Question #602Topic 1

Which AWS service enables a client to configure an alert notice when the account's balance approaches a certain dollar amount?



- A. AWS Cost and Usage reports
- B. AWS Budgets
- C. AWS Cost Explorer
- D. AWS Trusted Advisor

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#### Question #603Topic 1

In AWS Identity and Access Management (IAM), access keys are used to:

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

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#### Question #604Topic 1

A business need cost-effective storage for static content and an endlessly scalable data storage infrastructure.

Which AWS service should the business select?

- A. Amazon Elastic Block Store (Amazon EBS)
- B. Amazon S3
- C. AWS Storage Gateway
- D. Amazon Elastic File System (Amazon EFS)

[Reveal Solution](#) [Discussion](#) 2

#### Question #605Topic 1

Which of the following is a fundamental guideline to follow while developing a highly available application for the AWS Cloud?

- A. Design using a serverless architecture
- B. Assume that all components within an application can fail
- C. Design AWS Auto Scaling into every application
- D. Design all components using open-source code

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#### Question #606Topic 1

A business need a firewall to regulate network traffic to and from a single Amazon EC2 instance. This firewall will not regulate network traffic to or from other instances on the same subnet.

Which Amazon Web Services (AWS) service or functionality can the business employ to achieve these requirements?

- A. Network ACL
- B. AWS WAF
- C. Route table
- D. Security group

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#### Question #607Topic 1

Which Amazon Web Services (AWS) service or functionality enables users to set up consolidated billing?

- A. AWS Billing Management Console
- B. AWS Organizations
- C. AWS Cost and Usage Report
- D. WAS Systems Manager

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#### Question #608Topic 1

Which of the following may be used to define AWS Cloud infrastructure as code?

- A. AWS CLI
- B. AWS CloudFormation
- C. AWS CodeDeploy
- D. AWS Amplify

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#### Question #609Topic 1

Which architectural idea encapsulates the capacity to rapidly deploy resources and then release them when they are no longer required?

- A. High availability
- B. Decoupled architecture
- C. Resilience
- D. Elasticity

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#### Question #610Topic 1

Which AWS service is responsible for capacity provisioning, load balancing, Auto Scaling, and application health monitoring throughout the deployment process?

- A. AWS Config
- B. AWS Elastic Beanstalk
- C. Amazon Route 53
- D. Amazon CloudFront

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#### Question #611Topic 1

Which of the following are AWS-managed user authentication services? (Select two.)

- A. Amazon Cognito
- B. AWS Lambda
- C. AWS License Manager
- D. AWS Identity and Access Management (IAM)
- E. AWS CodeStar

[Reveal Solution](#) [Discussion](#) 2

#### Question #612Topic 1

Which cloud architecture concept is most consistent with AWS Cloud best practices?

- A. Create fixed dependencies among application components
- B. Aggregate services on a single instance
- C. Deploy applications in a single Availability Zone
- D. Distribute the compute load across multiple resources

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#### Question #613Topic 1

What methods are there for lowering the cost of operating Amazon EC2 instances? (Select two.)

- A. Spot Instances for stateless and flexible workloads
- B. Memory optimized instances for high-compute workloads
- C. On-Demand Instances for high-cost and sustained workloads
- D. Reserved Instances for sustained workloads
- E. Spend limits set using AWS Budgets

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#### Question #614Topic 1

A business makes use of a database that includes a simple sign-up page for creating users and a basic login form for authenticating users and granting them access to the database. The firm want to enable users to save personal information, but user access must be more safe and trustworthy.

Which Amazon Web Services (AWS) service or functionality will satisfy these requirements?

- A. Security groups
- B. Amazon GuardDuty
- C. AWS Secrets Manager
- D. Amazon Cognito

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#### Question #615Topic 1

AWS-hosted web application was flooded with malicious requests from a repeating group of IP addresses.

Which Amazon Web Services (AWS) service can assist in securing the application and blocking malicious traffic?

- A. AWS IAM
- B. Amazon GuardDuty
- C. Amazon Simple Notification Service (Amazon SNS)
- D. AWS WAF

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#### Question #616Topic 1

Which AWS service would a client employ in conjunction with a static website to get the lowest possible latency and the fastest possible transfer speeds?

- A. AWS Lambda
- B. Amazon DynamoDB Accelerator
- C. Amazon Route 53
- D. Amazon CloudFront

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#### Question #617Topic 1

Which of the following is a principle of cloud architecture design?

- A. Scale up, not out.
- B. Loosely couple components.
- C. Build monolithic systems.
- D. Use commercial database software.

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#### Question #618Topic 1

Which Amazon EC2 pricing plan provides the MOST substantial reduction over On-Demand Instances?

- A. Partial Upfront Reserved Instances for a 1-year term
- B. All Upfront Reserved Instances for a 1-year term
- C. All Upfront Reserved Instances for a 3-year term
- D. No Upfront Reserved Instances for a 3-year term

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#### Question #619Topic 1

What role do security groups play in ensuring the security of Amazon Elastic Compute Cloud (Amazon EC2) instances?

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

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#### Question #620Topic 1

Which advantages does Amazon RDS have over Amazon EC2 when it comes to operating relational databases on AWS? (Select two.)

- A. Automated backups
- B. Schema management
- C. Indexing of tables
- D. Software patching
- E. Extract, transform, and load (ETL) management

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#### Question #621Topic 1

Where should users report instances of AWS resources being utilized maliciously?

- A. AWS Abuse team
- B. AWS Shield
- C. AWS Support
- D. AWS Developer Forums

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#### Question #622Topic 1

A user subscribes to an AWS Business Support subscription and demands comprehensive billing information.

Which AWS resource will be of assistance?

- A. AWS Concierge Support
- B. AWS Service Catalog
- C. AWS Budgets
- D. AWS Cost and Usage Report

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#### Question #623Topic 1

Which Amazon Web Services (AWS) offering enables customers to track the changes made to a resource over time?

- A. Amazon Inspector
- B. AWS Config
- C. AWS Service Catalog
- D. AWS IAM

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#### Question #624Topic 1

A business is seeking a method for encrypting data stored on Amazon S3.

Which AWS managed service can assist with this?

- A. AWS Certificate Manager (ACM)
- B. AWS Secrets Manager
- C. AWS Resource Access Manager
- D. AWS Key Management Service (AWS KMS)

[Reveal Solution](#) [Discussion](#) **2**

#### Question #625Topic 1

Which Amazon Web Services offering allows customers to access securely to AWS resources through the public internet?

- A. Amazon VPC peering
- B. AWS Direct Connect
- C. AWS VPN
- D. Amazon Pinpoint

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#### Question #626Topic 1

Which Amazon Web Services (AWS) service may be used to monitor resource changes and ensure compliance?

- A. Amazon CloudWatch
- B. AWS Config
- C. AWS CloudTrail
- D. AWS Trusted Advisor

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#### Question #627Topic 1

Which of the following is an Amazon Web Services compute service? (Select two.)

- A. Amazon Lightsail
- B. AWS Systems Manager
- C. AWS CloudFormation
- D. AWS Batch
- E. Amazon Inspector

[Reveal Solution](#) [Discussion](#) **2**

#### Question #628Topic 1

Which Amazon Web Services (AWS) services use global edge locations? (Select two.)

- A. AWS Fargate
- B. Amazon CloudFront
- C. AWS Global Accelerator
- D. AWS Wavelength
- E. Amazon VPC

[Reveal Solution](#) [Discussion](#)

#### Question #629Topic 1

A cloud practitioner seeks information on the status of an existing AWS setup in comparison to industry standards.

Which AWS services or functionalities should the cloud practitioner use in order to access this data? (Select two.)

- A. AWS Artifact
- B. AWS Solutions Library
- C. AWS Trusted Advisor
- D. AWS Well-Architected Tool
- E. AWS Personal Health Dashboard

[Reveal Solution](#) [Discussion](#)

#### Question #630Topic 1

What is Amazon Web Services Trusted Advisor?

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

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#### Question #631Topic 1

Previously, a business lost data kept in an on-premises data center. To guard against future data loss, the firm intends to utilize AWS to automatically provide thousands of its computers in a fully provisioned state in minutes, in a format compatible with data restoration.

Which Amazon Web Services (AWS) offering should the business employ to achieve these requirements?

- A. AWS Direct Connect
- B. AWS Storage Gateway
- C. CloudEndure Disaster Recovery
- D. AWS Backup

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#### Question #632Topic 1

How do I go about requesting penetration testing on AWS resources?

- A. Open a support case
- B. Fill out the Penetration Testing Request Form
- C. Request a penetration test from your technical account manager
- D. Contact your AWS sales representative

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#### Question #633Topic 1

Which network security features does Amazon VPC support? (Select two.)

- A. Network ACLs
- B. Internet gateways



- C. VPC peering
- D. Security groups
- E. Firewall rules

[Reveal Solution](#) [Discussion](#) 2

#### Question #634Topic 1

Which AWS service enables on-demand compliance report retrieval?

- A. AWS Secrets Manager
- B. AWS Artifact
- C. AWS Security Hub
- D. AWS Certificate Manager

[Reveal Solution](#) [Discussion](#) 2

#### Question #635Topic 1

Which of the following is an AWS Global Infrastructure component?

- A. Amazon Alexa
- B. AWS Regions
- C. Amazon Lightsail
- D. AWS Organizations

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#### Question #636Topic 1

A business must safeguard critical credentials used by an application to connect users to a database.

Which AWS service satisfies this criterion with the fewest possible operational overhead?

- A. AWS Key Management Service (AWS KMS)
- B. AWS Config
- C. AWS Secrets Manager
- D. Amazon GuardDuty

[Reveal Solution](#) [Discussion](#)

#### Question #637Topic 1

A network engineer is tasked with the responsibility of establishing a dedicated 10 Gbps network connection between an on-premises system and AWS.

Which Amazon Web Services (AWS) function or feature should the engineer utilize?

- A. Amazon Route 53

- B. AWS Direct Connect
- C. AWS PrivateLink
- D. AWS VPN

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#### Question #638Topic 1

Which service offers a hybrid storage solution that allows on-premises applications to use cloud storage in a seamless manner?

- A. Amazon Glacier
- B. AWS Snowball
- C. AWS Storage Gateway
- D. Amazon Elastic Block Storage (Amazon EBS)

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#### Question #639Topic 1

A business want to implement a new architecture using AWS services. The business must compare service charges on a variety of scales.

Which AWS service, tool, or feature should the business utilize to accomplish this task?

- A. AWS Compute Optimizer
- B. AWS Pricing Calculator
- C. AWS Trusted Advisor
- D. Cost Explorer rightsizing recommendations

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#### Question #640Topic 1

What databases are supported by Amazon RDS? (Select two.)

- A. Sybase
- B. Microsoft SQL Server
- C. IBM Db2
- D. MongoDB
- E. PostgreSQL

[Reveal Solution](#)

#### Question #641Topic 1

Which security-related tasks are the customer's responsibility in the AWS Cloud?

- A. Securing infrastructure at data centers
- B. Maintaining firewall configurations at a hardware level

- C. Maintaining networking among hardware components
- D. Maintaining server-side encryption

[Reveal Solution](#) [Discussion](#) **2**

#### Question #642Topic 1

A firm with AWS Enterprise Support is looking for assistance in deciphering its monthly AWS bill and implementing billing best practices.

Which AWS tool or resource is appropriate for achieving these objectives?

- A. Resource tagging
- B. AWS Concierge Support team
- C. AWS Abuse team
- D. AWS Support

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#### Question #643Topic 1

Which AWS service can assist a business in determining who removed an Amazon EC2 instance yesterday?

- A. Amazon CloudWatch
- B. AWS Trusted Advisor
- C. AWS CloudTrail
- D. Amazon Inspector

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#### Question #644Topic 1

What are the advantages of using the AWS Cloud for businesses with clients in many countries? (Select two.)

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

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#### Question #645Topic 1

What protection does AWS Shield Standard offer?

- A. WAF rules
- B. DDoS protection
- C. Identity and Access Management (IAM) permissions and access to resources
- D. Data encryption

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#### Question #646Topic 1

By treating infrastructure in the AWS Cloud as code, customers can:

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

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#### Question #647Topic 1

Which of the following is not a component of Amazon Virtual Private Cloud? (Select two.)

- A. Objects
- B. Subnets
- C. Buckets
- D. Internet gateways
- E. Access key

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#### Question #648Topic 1

Which Amazon Web Services (AWS) services qualify for a Compute Savings Plan? (Select two.)

- A. AWS Lambda
- B. Amazon RDS
- C. Amazon VPC
- D. Amazon DynamoDB
- E. Amazon EC2

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#### Question #649Topic 1

Which of the following allows you to share the cost savings associated with Reserved Instances across several AWS accounts?

- A. AWS Cost Explorer between AWS accounts
- B. Linked accounts and consolidated billing
- C. Amazon Elastic Compute Cloud (Amazon EC2) Reserved Instance Utilization Report

- D. Amazon EC2 Instance Usage Report between AWS accounts

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#### Question #650Topic 1

Which AWS billing support resource is accessible to all levels of assistance?

- A. AWS Support concierge
- B. AWS Customer Service
- C. AWS technical account manager
- D. AWS Business Support

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#### Question #651Topic 1

How does AWS's global infrastructure ensure its consumers' high availability and fault tolerance?

- 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.

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#### Question #652Topic 1

Which AWS service or component enables internet-bound traffic to reach a VPC?

- A. Internet gateway
- B. NAT gateway
- C. AWS WAF
- D. VPC peering

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#### Question #653Topic 1

Which of the following are customer obligations in the AWS Cloud? (Select two.)

- A. Security in the cloud
- B. Configuration of AWS infrastructure devices
- C. Configuration of security groups on Amazon EC2 instances
- D. Security of the cloud
- E. Patches for the operating system of Amazon DynamoDB

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#### Question #654 Topic 1

How can an AWS customer with an AWS Basic Support package get AWS technical support?

- A. AWS Senior Support Engineers
- B. AWS Technical Account Managers
- C. AWS Trusted Advisor
- D. AWS Discussion Forums

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#### Question #655 Topic 1

Which of the following statements accurately represents the relationships between Amazon Web Services' regions, availability zones, and edge locations? (Select two.)

- A. There are more AWS Regions than Availability Zones.
- B. There are more edge locations than AWS Regions.
- C. An edge location is an Availability Zone.
- D. There are more AWS Regions than edge locations.
- E. There are more Availability Zones than AWS Regions.

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#### Question #656 Topic 1

A Cloud Practitioner is asked how to estimate the cost of deploying a new application on Amazon Web Services (AWS).

Which reaction is the MOST APPROPRIATE?

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

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#### Question #657 Topic 1

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

- A. It simplifies relational database administration tasks.
- B. It provides 99.999999999% reliability and durability.
- C. It automatically scales databases for loads.
- D. It enables users to dynamically adjust CPU and RAM resources.

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#### Question #658Topic 1

A Cloud Practitioner is putting up a disaster recovery strategy and aims to replicate data across different geographic locations.

Which of the following satisfies these criteria?

- A. AWS Accounts
- B. AWS Regions
- C. Availability Zones
- D. Edge locations

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#### Question #659Topic 1

What is the benefit of utilizing third-party software from the AWS Marketplace rather than installing it on Amazon EC2? (Select two.)

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

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#### Question #660Topic 1

Which of the following Amazon Web Services (AWS) services offers computing resources? (Select two.)

- A. AWS Lambda
- B. Amazon Elastic Container Service (Amazon ECS)
- C. AWS CodeDeploy
- D. Amazon Glacier
- E. AWS Organizations

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#### Question #661Topic 1

A client is in the process of installing a new application and is required to choose an AWS Region.

Which of the following might have an effect on the customer's decision? (Select two.)

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

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#### Question #662Topic 1

Which AWS service offers a solution for continuous delivery and deployment?

- A. AWS AppSync
- B. AWS CodePipeline
- C. AWS Cloud9
- D. AWS CodeCommit

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#### Question #663Topic 1

Which of the following is a critical architectural concept for cloud application design?

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

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#### Question #664Topic 1

A distinguishing feature of edge locations is that they:

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

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#### Question #665Topic 1

Recently, an online retailer implemented a production web application. The system administrator is responsible for preventing typical attack vectors such as SQL injection and



cross-site scripting.

Which Amazon Web Services (AWS) service should the administrator utilize to resolve these issues?

- A. AWS WAF
- B. Amazon VPC
- C. Amazon GuardDuty
- D. Amazon CloudWatch

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#### Question #666Topic 1

To get assistance with billing or to reinstate a suspended account, a user should send an account and billing request to:

- A. the AWS Support forum
- B. AWS Abuse
- C. an AWS Solutions Architect
- D. AWS Support

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#### Question #667Topic 1

Which Amazon Web Services (AWS) offering provides a highly available, scalable DNS web service?

- A. Amazon VPC
- B. Amazon CloudFront
- C. Amazon Route 53
- D. Amazon Connect

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#### Question #668Topic 1

On AWS, a business must plan, schedule, and execute hundreds of thousands of computing tasks.

Which AWS service might be used to fulfill this requirement?

- A. AWS Step Functions
- B. AWS Service Catalog
- C. Amazon Simple Queue Service (Amazon SQS)
- D. AWS Batch

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Question #669Topic 1

Which AWS service is capable of encrypting data in transit?

- A. Amazon GuardDuty
- B. AWS Shield
- C. AWS Security Hub
- D. AWS Key Management Service (AWS KMS)

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Question #670Topic 1

Which AWS service or capability enables you to manage hundreds of VPC connections across many AWS Regions globally?

- A. AWS Transit Gateway
- B. Amazon Connect
- C. Security groups
- D. VPC peering

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Question #671Topic 1

Which AWS service enables customers to comply with contractual and regulatory data security obligations by using dedicated hardware appliances inside the AWS Cloud?

- A. AWS Secrets Manager
- B. AWS CloudHSM
- C. AWS Key Management Service (AWS KMS)
- D. AWS Directory Service

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Question #672Topic 1

Which of the following are AWS shared responsibility model customer responsibilities? (Select two.)

- A. Physical security of AWS facilities
- B. Configuration of security groups
- C. Encryption of customer data on AWS
- D. Management of AWS Lambda infrastructure
- E. Management of network throughput of each AWS Region

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Question #673Topic 1

A business is in the market for a scalable data warehouse solution.

Which of the following AWS options would be most appropriate for your business?

- A. Amazon Simple Storage Service (Amazon S3)
- B. Amazon DynamoDB
- C. Amazon Kinesis
- D. Amazon Redshift

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Question #674Topic 1

Which of the following is an Amazon CloudWatch Logs feature? (Select two.)

- A. Summaries by Amazon Simple Notification Service (Amazon SNS)
- B. Free Amazon Elasticsearch Service analytics
- C. Provided at no charge
- D. Real-time monitoring
- E. Adjustable retention

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Question #675Topic 1

Which of the following are AWS Global Accelerator's benefits? (Select two.)

- A. Reduced cost to run services on AWS
- B. Improved availability of applications deployed on AWS
- C. Higher durability of data stored on AWS
- D. Decreased latency to reach applications deployed on AWS
- E. Higher security of data stored on AWS

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Question #676Topic 1

Which of the following AWS services may be used to administer a database independently?

- A. Amazon Route 53
- B. AWS X-Ray
- C. AWS Snowmobile
- D. Amazon Elastic Compute Cloud (Amazon EC2)

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Question #677Topic 1

A user requires rapid deployment of a non-relational database on AWS. The user is not interested in administering the underlying hardware or database software.

Which AWS service is appropriate for this?

- A. Amazon RDS
- B. Amazon DynamoDB
- C. Amazon Aurora
- D. Amazon Redshift

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#### Question #678Topic 1

A business is migrating its on-premises key-value database to the Amazon Web Services Cloud.

Which AWS service is appropriate for this scenario?

- A. Amazon RDS
- B. Amazon ElastiCache
- C. Amazon DynamoDB
- D. Amazon Redshift

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#### Question #679Topic 1

Where can I obtain AWS compliance and certification reports?

- A. AWS Artifact
- B. AWS Concierge
- C. AWS Certificate Manager
- D. AWS Trusted Advisor

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#### Question #680Topic 1

Which AWS service enables the safe, rapid, and economical migration or transit of exabyte-scale datasets into AWS?

- A. AWS Batch
- B. AWS Snowball
- C. AWS Migration Hub
- D. AWS Snowmobile

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#### Question #681Topic 1

A company is transferring its development and test environments to AWS to increase agility and cost savings. Given that these are not production workloads and the servers are not fully used, some downtime is to be anticipated.

Which Amazon EC2 price plan is the MOST cost-effective in order to achieve these requirements?

- A. Reserved Instances
- B. On-Demand Instances
- C. Spot Instances
- D. Dedicated Instances

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#### Question #682Topic 1

A firm is developing a business intelligence system and wants to include dashboards into the reporting process.

Which Amazon Web Services (AWS) service may be used?

- A. Amazon Redshift
- B. Amazon Elasticsearch Service (Amazon ES)
- C. Amazon QuickSight
- D. Amazon Athena

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#### Question #683Topic 1

A user requires an automated security assessment report that identifies unauthorized network access to Amazon EC2 instances and their associated issues.

Which AWS service will be responsible for generating this evaluation report?

- A. EC2 security groups
- B. AWS Config
- C. Amazon Macie
- D. Amazon Inspector

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#### Question #684Topic 1

Utilizing Amazon Elastic Container Service (Amazon ECS) to deconstruct a monolithic design into microservices demonstrates the following:

- A. a loosely coupled architecture.

- B. a tightly coupled architecture.
- C. a stateless architecture.
- D. a stateful architecture.

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#### Question #685Topic 1

A third-party auditor has demanded that a business give a list of all its IAM users, together with the status of the individuals' credentials and access keys.

What is the MOST SIMPLE method of delivering this information?

- A. Create an IAM user account for the auditor, granting the auditor administrator permissions.
- B. Take a screenshot of each user's page in the AWS Management Console, then provide the screenshots to the auditor.
- C. Download the IAM credential report, then provide the report to the auditor.
- D. Download the AWS Trusted Advisor report, then provide the report to the auditor.

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#### Question #686Topic 1

Which security service on AWS detects and categorizes sensitive data or intellectual property automatically?

- A. Amazon GuardDuty
- B. Amazon Macie
- C. Amazon Inspector
- D. AWS Shield

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#### Question #687Topic 1

How can a business separate the expenses of production and non-production workloads on Amazon Web Services (AWS)?

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

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#### Question #688Topic 1

What services does Amazon CloudFront offer?

- A. Automatic scaling for all resources to power an application from a single unified interface
- B. Secure delivery of data, videos, applications, and APIs to users globally with low latency
- C. Ability to directly manage traffic globally through a variety of routing types, including latency-based routing, geo DNS, geoproximity, and weighted round robin
- D. Automatic distribution of incoming application traffic across multiple targets, such as Amazon EC2 instances, containers, IP addresses, and AWS Lambda functions

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Question #689Topic 1

Who is responsible for patching the Amazon RDS guest operating system?

- A. The AWS Product team
- B. The customer Database Administrator
- C. Managed partners
- D. AWS Support

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Question #690Topic 1

A user has a stateless and restartable application that will operate for two hours at a time on an Amazon EC2 instance.

Which method of buying is the MOST cost-effective?

- A. On-Demand Instances
- B. Reserved Instances
- C. Dedicated Instances
- D. Spot Instances

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Question #691Topic 1

What are some of the benefits of Reserved Instances? (Select two.)

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

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Question #692Topic 1

Which Amazon Web Services (AWS) offering allows customers to deploy infrastructure as code by automating the provisioning process?

- A. Amazon GameLift
- B. AWS CloudFormation
- C. AWS Data Pipeline
- D. AWS Glue

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Question #693Topic 1

Among the benefits of migrating infrastructure from an on-premises data center to the AWS Cloud include the following:

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

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Question #694Topic 1

Which Amazon VPC feature allows users to monitor IP traffic to and from Amazon EC2 instances?

- A. Security groups
- B. Elastic network interfaces
- C. Network ACLs
- D. VPC Flow Logs

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Question #695Topic 1

Which AWS service simplifies the process of creating and managing AWS users and groups, as well as providing them with free secure access to AWS resources?

- A. AWS Direct Connect
- B. Amazon Connect
- C. AWS Identity and Access Management (IAM)
- D. AWS Firewall Manager

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Question #696Topic 1

Which AWS feature will result in a lower total cost of ownership (TCO) for the customer?

- A. Shared responsibility security model
- B. Single tenancy
- C. Elastic computing
- D. Encryption

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Question #697Topic 1

A corporation has numerous AWS accounts inside AWS Organizations and want to limit the advantage of Amazon EC2 Reserved Instances to a single account.

Which course of action should be followed?

- A. Purchase the Reserved Instances from master payer account and turn off Reserved Instance sharing.
- B. Enable billing alerts in the AWS Billing and Cost Management console.
- C. Purchase the Reserved Instances in individual linked accounts and turn off Reserved Instance sharing from the payer level.
- D. Enable Reserved Instance sharing in the AWS Billing and Cost Management console.

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Question #698Topic 1

Which step will provide documentation that will assist a business in determining if its usage of the AWS Cloud complies with applicable regulatory standards?

- A. Running Amazon GuardDuty
- B. Using AWS Artifact
- C. Creating an AWS Support ticket
- D. Evaluating AWS CloudTrail logs

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Question #699Topic 1

A web developer with minimal experience of AWS networking technologies such as Amazon Virtual Private Cloud, Elastic Load Balancing, and Auto Scaling want to host a highly available web application.

Which AWS service would manage the deployment automatically and alleviate the developer's complexity?

- A. AWS CodeDeploy
- B. AWS Resource Access Manager
- C. AWS Elastic Beanstalk

- D. AWS CloudFormation

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#### Question #700Topic 1

Which of the following Amazon Web Services (AWS) services is serverless? (Select two.)

- A. AWS Lambda
- B. Amazon Elasticsearch Service
- C. AWS Elastic Beanstalk
- D. Amazon DynamoDB
- E. Amazon Redshift

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#### Question #701Topic 1

Which AWS services can be used to collect information about the activities of an AWS account? (Select two.)

- A. Amazon CloudFront
- B. AWS Cloud9
- C. AWS CloudTrail
- D. AWS CloudHSM
- E. Amazon CloudWatch

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#### Question #702Topic 1

Which Amazon Web Services (AWS) offering provides permanent storage for a file system?

- A. Amazon S3
- B. Amazon EC2 instance store
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon ElastiCache

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#### Question #703Topic 1

A business want to evaluate a third-party ecommerce solution before committing to its long-term usage.

Which AWS service or tool will serve as the foundation for this effort?

- A. AWS Marketplace

- B. AWS Partner Network (APN)
- C. AWS Managed Services
- D. AWS Service Catalog

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#### Question #704Topic 1

Which AWS services or features contribute to the reduction of network latency for a geographically scattered user base? (Select two.)

- A. Amazon VPC
- B. Elastic Load Balancer
- C. Amazon CloudFront
- D. AWS Direct Connect
- E. AWS Global Accelerator

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#### Question #705Topic 1

Which of the following describes Amazon S3? (Select two.)

- A. A global file system
- B. An object store
- C. A local file store
- D. A network file system
- E. A durable storage system

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#### Question #706Topic 1

Which free AWS service or tool assists in identifying underused Amazon EC2 instances and idle Amazon RDS DB instances?

- A. Cost Explorer
- B. AWS Budgets
- C. AWS Organizations
- D. AWS Trusted Advisor

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#### Question #707Topic 1

Why is it advantageous to utilize Elastic Load Balancers in conjunction with applications?

- A. They allow for the conversion from Application Load Balancers to Classic Load Balancers.
- B. They are capable of handling constant changes in network traffic patterns.

- C. They automatically adjust capacity.
- D. They are provided at no charge to users.

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#### Question #708Topic 1

Utilizing AWS Identity and Access Management (IAM) to restrict access to just the resources necessary to complete a job is referred to as:

- A. restricted access.
- B. as-needed access.
- C. least privilege access.
- D. token access.

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#### Question #709Topic 1

A business that operates on the AWS Cloud must generate distinct invoices for each environment, such as development, testing, and production.

How is this accomplished?

- A. Use multiple AWS accounts
- B. Use resource tagging
- C. Use multiple VPCs
- D. Use Cost Explorer

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#### Question #710Topic 1

Which of the following may be used to restrict access to an Amazon Storage Service (Amazon S3) bucket to specified users?

- A. A public and private key-pair
- B. Amazon Inspector
- C. AWS Identity and Access Management (IAM) policies
- D. Security Groups

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#### Question #711Topic 1

Which of the following is a shared control mechanism between the client and Amazon Web Services?

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

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#### Question #712Topic 1

Which AWS service detects security groups that provide users with unlimited access to AWS resources?

- A. AWS CloudTrail
- B. AWS Trusted Advisor
- C. Amazon CloudWatch
- D. Amazon Inspector

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#### Question #713Topic 1

For one month, a business is testing a new customer-facing application on Amazon Elastic Compute Cloud (Amazon EC2).

Which pricing strategy is most appropriate?

- A. Reserved Instances
- B. Spot Instances
- C. On-Demand Instances
- D. Dedicated Hosts

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#### Question #714Topic 1

What information may users access using AWS Artifact?

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

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#### Question #715Topic 1

What is a job in Amazon Web Services' Identity and Access Management (IAM) system?

- A. A user associated with an AWS resource
- B. A group associated with an AWS resource

- C. An entity that defines a set of permissions for use with an AWS resource
- D. An authentication credential associated with a multi-factor authentication (MFA) token

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#### Question #716Topic 1

Which Amazon Web Services (AWS) service should I use to generate a billing alarm?

- A. AWS Trusted Advisor
- B. AWS CloudTrail
- C. Amazon CloudWatch
- D. Amazon QuickSight

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#### Question #717Topic 1

Which AWS service or tool keeps track of all AWS resources created?

- A. Amazon CloudFront
- B. Amazon CloudWatch
- C. AWS CloudTrail
- D. AWS Application Migration Service (CloudEndure Migration)

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#### Question #718Topic 1

Which AWS service offers a self-service site for accessing AWS compliance reports on-demand?

- A. AWS Config
- B. AWS Certificate Manager
- C. Amazon Inspector
- D. AWS Artifact

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#### Question #719Topic 1

Which AWS services have automatic data backups by default?

- A. Amazon S3
- B. Amazon Aurora
- C. Amazon ElastiCache for Memcached
- D. Amazon Elastic File System (Amazon EFS)

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#### Question #720Topic 1

How can AWS customers exchange infrastructure costs for operational costs?

- A. Secure their physical infrastructure to prevent malicious attacks.
- B. Use AWS Budgets to ensure that spending on AWS resources does not exceed preset thresholds.
- C. Eliminate the electricity costs that are associated with the hosting of physical servers.
- D. Use AWS Auto Scaling to dynamically increase and decrease compute resources as needed.

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#### Question #721Topic 1

The compliance officer of a corporation requests access to the AWS Service Organization Control (SOC) reports.

Which Amazon Web Services (AWS) service or functionality should the compliance officer use to accomplish this task?

- A. AWS Artifact
- B. AWS Concierge Support
- C. AWS Support
- D. AWS Trusted Advisor

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#### Question #722Topic 1

Which AWS service will be responsible for tracking user activities on AWS?

- A. Amazon GuardDuty
- B. AWS Trusted Advisor
- C. AWS CloudTrail
- D. Amazon CloudWatch

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#### Question #723Topic 1

Which of the following are advantages of using Amazon RDS over an on-premises database? (Select two.)

- A. RDS backups are managed by AWS.
- B. RDS supports any relational database.
- C. RDS has no database engine licensing costs.

- D. RDS database compute capacity can be easily scaled.
- E. RDS inbound traffic control (for example, security groups) is managed by AWS.

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#### Question #724Topic 1

IT systems should be structured in such a way that changes or failures in one component do not cascade to other components.

This is an illustration of which cloud architecture design principle?

- A. Scalability
- B. Loose coupling
- C. Automation
- D. Automatic scaling

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#### Question #725Topic 1

Which service may be used to monitor and get alerts for AWS account root user sign-in events through the AWS Management Console?

- A. Amazon CloudWatch
- B. AWS Config
- C. AWS Trusted Advisor
- D. AWS IAM

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#### Question #726Topic 1

Which of the following deployment strategies allows clients to completely exchange capital IT expenditures for operational expenditures?

- A. On-premises
- B. Hybrid
- C. Cloud
- D. Platform as a service

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#### Question #727Topic 1

Which cloud computing benefit can a business get by using AWS Regions to expand application availability to consumers in many countries?

- A. Pay-as-you-go pricing
- B. Capacity forecasting



- C. Economies of scale
- D. Global reach

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#### Question #728Topic 1

Which login credentials for the AWS Management Console adhere to security best practices? (Select two.)

- A. An access key
- B. Multi-factor authentication
- C. X.509 certificates
- D. A secret key
- E. User name and password

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#### Question #729Topic 1

How does AWS accelerate the provisioning of IT resources?

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

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#### Question #730Topic 1

A business would want to monitor the CPU use of its Amazon EC2 resources. Which Amazon Web Services (AWS) service should the business use?

- A. AWS CloudTrail
- B. Amazon CloudWatch
- C. AWS Cost and Usage report
- D. Amazon Simple Notification Service (Amazon SNS)

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#### Question #731Topic 1

Which of the following security-related acts is free?

- A. Calling AWS Support
- B. Contacting AWS Professional Services to request a workshop
- C. Accessing forums, blogs, and whitepapers

- D. Attending AWS classes at a local university

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#### Question #732Topic 1

Which of the following services falls under the AWS serverless platform category?

- A. Amazon EMR
- B. Elastic Load Balancing
- C. AWS Lambda
- D. AWS Mobile Hub

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#### Question #733Topic 1

Which AWS Trusted Advisor checks are accessible to AWS Basic Support customers? (Select two.)

- A. Service limits
- B. High utilization Amazon EC2 instances
- C. Security groups with specific ports unrestricted
- D. Load balancer optimization
- E. Large number of rules in an EC2 security groups

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#### Question #734Topic 1

Which AWS Cost Management tool provides the most detailed information about your AWS bill?

- A. AWS Cost Explorer
- B. AWS Budgets
- C. AWS Cost and Usage report
- D. AWS Billing dashboard

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#### Question #735Topic 1

A small independent software vendor (ISV) wishes to launch its application on Amazon Web Services (AWS). Customers of the ISV must be able to safely access the application using their own AWS accounts.

Which AWS service or feature may be used by the ISV to offer secure access to its application?

- A. Virtual private gateway
- B. AWS Client VPN
- C. Internet gateway

- D. AWS PrivateLink

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#### Question #736Topic 1

A user with minimal familiarity with AWS services want to rapidly create a scalable Node.js application in the AWS Cloud.

Which deployment service should be utilized for the application?

- A. AWS CloudFormation
- B. AWS Elastic Beanstalk
- C. Amazon EC2
- D. AWS OpsWorks

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#### Question #737Topic 1

A developer has an AWS account and requires access to the test database of another account.

Which Amazon Web Services (AWS) service or capability can the developer use to access the test database?

- A. Amazon Macie
- B. Security groups
- C. IAM roles
- D. AWS Trusted Advisor

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#### Question #738Topic 1

Which of the following is not a component of AWS's shared responsibility model?

- A. Patching operating system software
- B. Encrypting data
- C. Enforcing multi-factor authentication
- D. Auditing physical data center assets

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#### Question #739Topic 1

Which of the following is a managed computing service provided by AWS?

- A. Amazon SWF
- B. Amazon EC2
- C. AWS Lambda
- D. Amazon Aurora

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Question #740Topic 1

The security team of a business demands that all Amazon EC2 workloads run on certified Amazon Machine Images (AMIs).

Which AWS service should the organization utilize to ensure that its EC2 instances are utilizing authorized AMIs?

- A. Amazon CloudWatch
- B. Amazon Inspector
- C. AWS Config
- D. AWS Trusted Advisor

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Question #741Topic 1

Which controls does AWS completely transfer to the client under the AWS shared responsibility model?

- A. Patch management controls
- B. Awareness and training controls
- C. Physical and environmental controls
- D. Configuration management controls

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Question #742Topic 1

Which service should be utilized to determine the expenses associated with launching a new project on AWS?

- A. AWS TCO Calculator
- B. AWS Simple Monthly Calculator
- C. AWS Cost Explorer API
- D. AWS Budgets

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Question #743Topic 1

Which AWS Support package includes a comprehensive set of AWS Trusted Advisor audits?

- A. Business and Developer Support
- B. Business and Basic Support
- C. Enterprise and Developer Support

- D. Enterprise and Business Support

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#### Question #744Topic 1

Which Amazon Web Services managed services are available for connecting an on-premises data center to the AWS network? (Select two.)

- A. AWS VPN
- B. NAT gateway
- C. AWS Direct Connect
- D. Amazon Connect
- E. Amazon Route 53

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#### Question #745Topic 1

Which AWS Well-Architected Framework pillar focuses on the capacity to automatically recover from service interruptions?

- A. Security
- B. Performance efficiency
- C. Operational excellence
- D. Reliability

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#### Question #746Topic 1

A business wants to have a single AWS account for the whole organization and separate accounts for each department.

Which Amazon Web Services (AWS) service should the business employ to aggregate and manage all accounts?

- A. AWS Billing and Cost Management
- B. AWS Organizations
- C. AWS Identity and Access Management (IAM)
- D. AWS Resource Access Manager

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#### Question #747Topic 1

A business is contemplating adopting AWS to host a self-hosted database that needs nightly shutdowns for maintenance and cost savings.

Which service should the business utilize?

- A. Amazon Redshift
- B. Amazon DynamoDB
- C. Amazon Elastic Compute Cloud (Amazon EC2) with Amazon EC2 instance store
- D. Amazon EC2 with Amazon Elastic Block Store (Amazon EBS)

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#### Question #748Topic 1

Which of the following functions as a virtual firewall at the Amazon EC2 instance level, allowing one or more instances to govern their own traffic?

- A. Access keys
- B. Virtual private gateways
- C. Security groups
- D. Access Control Lists (ACL)

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#### Question #749Topic 1

Which AWS service is perpetually free for users?

- A. Amazon S3
- B. Amazon Aurora
- C. Amazon EC2
- D. AWS Identity and Access Management (IAM)

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#### Question #750Topic 1

How is the AWS Enterprise Support Concierge team of experts able to assist users?

- A. Supporting application development
- B. Providing architecture guidance
- C. Answering billing and account inquiries
- D. Answering questions regarding technical support cases

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#### Question #751Topic 1

Which of the following benefits does AWS consolidated billing provide? (Select two.)

- A. The ability to receive one bill for multiple accounts
- B. Service limits increasing by default in all accounts
- C. A fixed discount on the monthly bill

- D. Potential volume discounts, as usage in all accounts is combined
- E. The automatic extension of the master account's AWS support plan to all accounts

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#### Question #752Topic 1

What is the Amazon CloudWatch service?

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

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#### Question #753Topic 1

A database administrator is attempting to track down the individual who erased a vital Amazon Redshift cluster.

Which AWS service assists in monitoring and archiving such account activity?

- A. AWS CloudTrail
- B. AWS Organizations
- C. AWS Identity and Access Management (IAM)
- D. AWS Trusted Advisor

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#### Question #754Topic 1

A business that has just moved to AWS want to provide intelligent threat prevention and continuous monitoring across all of its AWS accounts.

Which AWS service should the business employ to accomplish this objective?

- A. Amazon Macie
- B. Amazon GuardDuty
- C. AWS Shield
- D. Amazon Detective

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#### Question #755Topic 1

Which responsibilities does AWS have under the shared responsibility approach for security and compliance?

- A. Granting access to individuals and services
- B. Encrypting data in transit
- C. Updating Amazon EC2 host firmware
- D. Updating operating systems

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#### Question #756Topic 1

Which AWS service or feature can be used to obtain information about the availability of all AWS services?

- A. AWS Personal Health Dashboard
- B. AWS CloudTrail
- C. AWS Service Health Dashboard
- D. Amazon CloudWatch

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#### Question #757Topic 1

Which AWS service provides fully managed source control and secure Git-based repository hosting?

- A. AWS CodeCommit
- B. AWS CodeStar
- C. Amazon CodeGuru
- D. AWS CodePipeline

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#### Question #758Topic 1

A business has activated billing alerts in its AWS account and wishes to be notified through Amazon Simple Notification Service (Amazon SNS) anytime its monthly cost exceeds a predefined threshold.

Which AWS service or technology should the business use to do this?

- A. Amazon CloudWatch
- B. Cost Explorer
- C. AWS Cost and Usage Report
- D. AWS Pricing Calculator

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#### Question #759Topic 1

Which AWS service is used to encrypt Amazon EBS data?



- A. AWS Certificate Manager
- B. AWS Systems Manager
- C. AWS KMS
- D. AWS Config

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#### Question #760Topic 1

Which of the following advantages are associated with using AWS Trusted Advisor? (Select two.)

- A. Providing high-performance container orchestration
- B. Creating and rotating encryption keys
- C. Detecting underutilized resources to save costs
- D. Improving security by proactively monitoring the AWS environment
- E. Implementing enforced tagging across AWS resources

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#### Question #761Topic 1

Which of the following is a critical architectural design concept to consider while developing cloud-based applications?

- A. Use multiple Availability Zones.
- B. Use tightly coupled components.
- C. Use open source software.
- D. Provision extra capacity.

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#### Question #762Topic 1

What is the purpose of the AWS Simple Monthly Calculator?

- A. Compares on-premises costs to colocation environments
- B. Estimates monthly billing based on projected usage
- C. Estimates power consumption at existing data centers
- D. Estimates CPU utilization

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#### Question #763Topic 1

Which AWS service may be used to create a cloud-based contact center on-demand?

- A. AWS Direct Connect

- B. Amazon Connect
- C. AWS Support Center
- D. AWS Managed Services

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#### Question #764Topic 1

A business wishes to host its MySQL databases on Amazon Web Services (AWS) while maintaining complete control over the operating system, database installation, and configuration.

Which Amazon Web Services (AWS) service should the business choose to host the databases?

- A. Amazon RDS
- B. Amazon EC2
- C. Amazon DynamoDB
- D. Amazon Aurora

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#### Question #765Topic 1

How does Amazon Web Services charge for AWS Lambda?

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

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#### Question #766Topic 1

What is the distinguishing feature of Convertible Reserved Instances (RIs)?

- A. Users can exchange Convertible RIs for other Convertible RIs from a different instance family.
- B. Users can exchange Convertible RIs for other Convertible RIs in different AWS Regions.
- C. Users can sell and buy Convertible RIs on the AWS Marketplace.
- D. Users can shorten the term of their Convertible RIs by merging them with other Convertible RIs.

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#### Question #767Topic 1

A customer has an AWS account with a Business-level AWS Support subscription and need help managing a production service outage.

What should the user do?

- A. Contact the dedicated AWS technical account manager (TAM).
- B. Contact the dedicated AWS Concierge Support team.
- C. Open a business-critical system down support case.
- D. Open a production system down support case.

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#### Question #768Topic 1

Which AWS service enables customers to get on-demand security and compliance reports for AWS infrastructure?

- A. Amazon GuardDuty
- B. AWS Security Hub
- C. AWS Artifact
- D. AWS Shield

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#### Question #769Topic 1

Which AWS offering enables a business to build a relational database in the AWS Cloud?

- A. Amazon RDS
- B. Amazon DynamoDB
- C. Amazon ElastiCache
- D. Amazon S3

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#### Question #770Topic 1

Which Amazon Web Services (AWS) service or resource is serverless?

- A. AWS Lambda
- B. Amazon EC2 instances
- C. Amazon Lightsail
- D. Amazon ElastiCache

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#### Question #771Topic 1

Which of the following statements is true about AWS Local Zones?

- A. A cluster of data centers in one geographic location
- B. A site used by Amazon CloudFront to cache frequently accessed content
- C. An extension of an AWS Region to more granular locations
- D. One or more data centers with redundant power and networking

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#### Question #772Topic 1

Which managed service provided by AWS is used to host databases?

- A. AWS Batch
- B. AWS Artifact
- C. AWS Data Pipeline
- D. Amazon RDS

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#### Question #773Topic 1

A business is building an e-commerce website with the purpose of storing and processing credit card data. The organization is in need of information about AWS compliance reports and AWS agreements.

Which Amazon Web Services (AWS) offering enables on-demand access to these items?

- A. AWS Certificate Manager
- B. AWS Config
- C. AWS Artifact
- D. AWS CloudTrail

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#### Question #774Topic 1

Which of the following AWS Cloud services may be used to administer a relational database for a customer?

- A. Amazon EC2
- B. Amazon Route 53
- C. Amazon ElastiCache
- D. Amazon DynamoDB

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#### Question #775Topic 1

Which of the following services may be used to prevent network traffic from reaching a particular instance? (Select two.)

- A. Security groups
- B. Amazon Virtual Private Cloud (Amazon VPC) flow logs
- C. Network ACLs
- D. Amazon CloudWatch
- E. AWS CloudTrail

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#### Question #776Topic 1

Which of the following enables customers to create a dedicated network connection between their internal network and Amazon Web Services?

- A. AWS CloudHSM
- B. AWS Direct Connect
- C. AWS VPN
- D. Amazon Connect

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#### Question #777Topic 1

Which AWS service is suitable for serving static websites?

- A. Amazon S3
- B. Amazon Route 53
- C. Amazon QuickSight
- D. AWS X-Ray

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#### Question #778Topic 1

Which of the following are benefits of using Amazon Web Services for cloud computing? (Select two.)

- A. Users can increase speed and agility by deploying services with just one click.
- B. Users receive a discount on hardware that they purchase for their data centers.
- C. Users can reserve excess capacity to ensure that resources are always available.
- D. Users trade variable expenses for capital expenses.
- E. Users benefit from massive economies of scale.

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#### Question #779Topic 1

A Cloud Practitioner must ascertain if any security groups in an Amazon Web Services account have been established to provide unlimited access to certain ports.

What is the MOST SIMPLE method to do this?

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

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#### Question #780Topic 1

Which pricing model will terminate an Amazon EC2 instance that is already operating if capacity becomes temporarily unavailable?

- A. On-Demand Instances
- B. Standard Reserved Instances
- C. Spot Instances
- D. Convertible Reserved Instances

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#### Question #781Topic 1

Which Amazon S3 storage class enables customers to keep backup data for extended periods of time at the LOWEST possible cost?

- A. S3 Standard-Infrequent Access (S3 Standard-IA)
- B. S3 Standard
- C. S3 Glacier
- D. S3 One Zone-Infrequent Access (S3 One Zone-IA)

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#### Question #782Topic 1

How can a business account for network traffic, Amazon EC2, Amazon S3, and other AWS services on a department-by-department basis?

- A. Add department-specific tags to each resource
- B. Create a separate VPC for each department
- C. Create a separate AWS account for each department
- D. Use AWS Organizations

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#### Question #783Topic 1

What is an AWS Availability Zone?

- A. One or more physical data centers
- B. A completely isolated geographic location
- C. One or more edge locations based around the world
- D. A data center location with a single source of power and networking

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#### Question #784Topic 1

Which of the following is not an AWS responsibility?

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

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#### Question #785Topic 1

Which AWS service provides in-memory data storage?

- A. Amazon Aurora
- B. Amazon RDS
- C. Amazon DynamoDB
- D. Amazon ElastiCache

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#### Question #786Topic 1

Where can I get AWS compliance documentation, such as a SOC 1 report?

- A. Amazon Inspector
- B. AWS CloudTrail
- C. AWS Artifact
- D. AWS Certificate Manager

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#### Question #787Topic 1

Which of the following will increase the security of AWS Management Console access? (Select two.)

- A. AWS Secrets Manager
- B. AWS Certificate Manager
- C. AWS Multi-Factor Authentication (AWS MFA)
- D. Security groups
- E. Password policies

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Question #788Topic 1

Which of the following is an advantage of the AWS Compliance program for AWS customers? (Select two.)

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

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Question #789Topic 1

Which of the following is an illustration of how migrating to the AWS Cloud lowers initial costs?

- A. By replacing large variable costs with lower capital investments
- B. By replacing large capital investments with lower variable costs
- C. By allowing the provisioning of compute and storage at a fixed level to meet peak demand
- D. By replacing the repeated scaling of virtual servers with a simpler fixed-scale model

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Question #790Topic 1

What distinguishes Amazon S3 cross-region replication?

- A. Both source and destination S3 buckets must have versioning disabled
- B. The source and destination S3 buckets cannot be in different AWS Regions
- C. S3 buckets configured for cross-region replication can be owned by a single AWS account or by different accounts
- D. The source S3 bucket owner must have the source and destination AWS Regions disabled for their account

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Which service allows risk audits by monitoring and recording account activities on a continuous basis, including user actions in the AWS Management Console and AWS SDKs?

- A. Amazon CloudWatch



- B. AWS CloudTrail
- C. AWS Config
- D. AWS Health

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#### Question #792Topic 1

How can one Amazon Web Services account use Reserved Instances from another Amazon Web Services account?

- A. By using Amazon EC2 Dedicated Instances
- B. By using AWS Organizations consolidated billing
- C. By using the AWS Cost Explorer tool
- D. By using AWS Budgets

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#### Question #793Topic 1

An application is executed on many Amazon EC2 instances that concurrently access a shared file system.

Which Amazon Web Services (AWS) storage service should be used?

- A. Amazon EBS
- B. Amazon EFS
- C. Amazon S3
- D. AWS Artifact

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#### Question #794Topic 1

A solutions architect must manage a fleet of Amazon EC2 instances to ensure that any instances that fail are replaced.

Which Amazon Web Services (AWS) offering should the solutions architect utilize?

- A. Amazon Elastic Container Service (Amazon ECS)
- B. Amazon GuardDuty
- C. AWS Shield
- D. AWS Auto Scaling

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#### Question #795Topic 1

Which of the following services will automatically scale as online traffic increases?

- A. AWS CodePipeline
- B. Elastic Load Balancing
- C. Amazon EBS
- D. AWS Direct Connect

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#### Question #796Topic 1

Which of the following is a benefit of Amazon EC2 instances over on-premises servers? (Select two.)

- A. Pay-as-you-go pricing
- B. Automation
- C. Self-maintenance of servers
- D. Agility
- E. Access to physical hosts

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#### Question #797Topic 1

Which of the following statements is true about the AWS Well-Architected Framework's pillars? (Select two.)

- A. Multiple Availability Zones
- B. Performance efficiency
- C. Security
- D. Encryption usage
- E. High availability

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#### Question #798Topic 1

Which Amazon EC2 pricing model is the MOST cost effective for a non-stop workload that runs for 24 hours once a year?

- A. On-Demand Instances
- B. Reserved Instances
- C. Spot Instances
- D. Dedicated Instances

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#### Question #799Topic 1

Which of the following security measures safeguards an AWS account's access? (Select two.)

- A. Enable AWS CloudTrail.

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

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#### Question #800Topic 1

Which of the following may be used by an Amazon Web Services (AWS) client to create a new Amazon Relational Database Service (Amazon RDS) cluster?

- A. AWS Concierge
- B. AWS CloudFormation
- C. Amazon Simple Storage Service (Amazon S3)
- D. Amazon EC2 Auto Scaling
- E. AWS Management Console

#### Question #801Topic 1

Which AWS service notifies customers when an AWS event may have an effect on their company's AWS resources?

- A. AWS Personal Health Dashboard
- B. AWS Service Health Dashboard
- C. AWS Trusted Advisor
- D. AWS Infrastructure Event Management

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#### Question #802Topic 1

Which of the following is a benefit of AWS's consolidated billing?

- A. Volume pricing qualification
- B. Shared access permissions
- C. Multiple bills per account
- D. Eliminates the need for tagging

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#### Question #803Topic 1

Which of the following is an Amazon Web Services (AWS) managed service that is dedicated to extract, transform, and load (ETL) data?

- A. Amazon Athena
- B. AWS Glue
- C. Amazon S3
- D. AWS Snowball Edge

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Question #804Topic 1

Which tool allows users who do not have an AWS account to estimate the cost of almost all AWS services?

- A. Cost Explorer
- B. TCO Calculator
- C. AWS Budgets
- D. Simple Monthly Calculator

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Question #805Topic 1

Which Amazon Web Services (AWS) service would you utilize to receive compliance reports and certificates?

- A. AWS Artifact
- B. AWS Lambda
- C. Amazon Inspector
- D. AWS Certificate Manager

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Question #806Topic 1

Which AWS service enables the detection of unintentional data breaches including personally identifiable information (PII) and user credential data?

- A. Amazon GuardDuty
- B. Amazon Inspector
- C. Amazon Macie
- D. AWS Shield

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Question #807Topic 1

Which Amazon RDS feature is most appropriate for achieving high availability?

- A. Multiple Availability Zones
- B. Amazon Reserved Instances
- C. Provisioned IOPS storage
- D. Enhanced monitoring

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Question #808Topic 1

Which Amazon Web Services offering offers risk audits of an AWS account by monitoring and documenting user activity and source IP addresses?

- A. AWS X-Ray
- B. AWS Shield
- C. AWS Trusted Advisor
- D. AWS CloudTrail

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#### Question #809Topic 1

A business want to develop new application workloads on the AWS Cloud rather than on-premises resources.

What costs may be saved by using the AWS Cloud?

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

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#### Question #810Topic 1

Which of the following AWS Global Infrastructure components consists of one or more separate data centers linked through low-latency links?

- A. Availability Zone
- B. Edge location
- C. Region
- D. Private networking

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#### Question #811Topic 1

Which AWS services take use of AWS edge locations? (Select two.)

- A. Amazon CloudFront
- B. AWS Shield
- C. Amazon EC2
- D. Amazon RDS
- E. Amazon ElastiCache

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Question #812Topic 1

Which of the following BEST describes the Amazon Web Services (AWS) pricing model? (Select two.)

- A. Fixed-term
- B. Pay-as-you-go
- C. Colocation
- D. Planned
- E. Variable cost

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Question #813Topic 1

Which AWS service is intended to assist customers who want to use machine learning for natural language processing (NLP) but lack prior machine learning experience?

- A. Amazon Comprehend
- B. Amazon SageMaker
- C. AWS Deep Learning AMIs (DLAMI)
- D. Amazon Rekognition

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Question #814Topic 1

Which AWS service enables the management of a PostgreSQL database for online transaction processing (OLTP)?

- A. Amazon DynamoDB
- B. Amazon Athena
- C. Amazon RDS
- D. Amazon EMR

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Question #815Topic 1

Which AWS Well-Architected Framework pillar incorporates the AWS shared responsibility model?

- A. Operational excellence
- B. Performance efficiency
- C. Reliability
- D. Security

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Question #816Topic 1

A user must adhere to compliance and software licensing requirements that require a workload to be physically housed on a server.

Which Amazon EC2 instance pricing model will satisfy these criteria?

- A. Dedicated Hosts
- B. Dedicated Instances
- C. Spot Instances
- D. Reserved Instances

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#### Question #817Topic 1

Which of the following technologies enables a secure network connection between on-premises and Amazon Web Services (AWS)?

- A. Virtual Private Network
- B. AWS Snowball
- C. Amazon Virtual Private Cloud (Amazon VPC)
- D. AWS Mobile Hub

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#### Question #818Topic 1

A business wishes to utilize an AWS service to monitor the health of application endpoints and to redirect traffic to healthy regional endpoints in order to increase application availability.

Which service will meet these criteria?

- A. Amazon Inspector
- B. Amazon CloudWatch
- C. AWS Global Accelerator
- D. Amazon CloudFront

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#### Question #819Topic 1

Which AWS service enables manual instance creation based on resource requirements?

- A. Amazon EBS
- B. Amazon S3
- C. Amazon EC2
- D. Amazon ECS

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#### Question #820Topic 1

Which AWS service serves as a data extraction, transformation, and loading (ETL) tool, simplifying the process of preparing data for analytics?

- A. Amazon QuickSight
- B. Amazon Athena
- C. AWS Glue
- D. AWS Elastic Beanstalk

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#### Question #821Topic 1

Utilizing AWS Config to track, audit, and analyze changes to AWS resources in order to provide traceability is an example of which pillar of the AWS Well-Architected Framework?

- A. Security
- B. Operational excellence
- C. Performance efficiency
- D. Cost optimization

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#### Question #822Topic 1

Which of the following is an Amazon Web Services (AWS) database service?

- A. Amazon Redshift
- B. Amazon Elastic Block Store (Amazon EBS)
- C. Amazon S3 Glacier
- D. AWS Snowball

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#### Question #823Topic 1

How should a user deploy an application across geographically distinct locations?

- A. Deploy the application in different placement groups.
- B. Deploy the application to a VPC.
- C. Deploy the application to multiple AWS Regions.
- D. Deploy the application by using Amazon CloudFront.

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#### Question #824Topic 1

Which AWS service offers a straightforward and scalable shared file storage solution for use with AWS and on-premises Linux servers?



- A. Amazon S3
- B. Amazon Glacier
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon Elastic File System (Amazon EFS)

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#### Question #825Topic 1

Which of the following statements accurately defines a security best practice that may be executed using AWS IAM?

- A. Disable AWS Management Console access for all users
- B. Generate secret keys for every IAM user
- C. Grant permissions to users who are required to perform a given task only
- D. Store AWS credentials within Amazon EC2 instances

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#### Question #826Topic 1

Which AWS service is used to evaluate the costs of hosting an application on-premises vs running it on the AWS Cloud?

- A. AWS Trusted Advisor
- B. AWS Simple Monthly Calculator
- C. AWS Total Cost of Ownership (TCO) Calculator
- D. Cost Explorer

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#### Question #827Topic 1

Which of the Reserved Instance (RI) pricing models allows for modification of the RI's characteristics as long as the exchange results in the production of RIs of equal or higher value?

- A. Dedicated RIs
- B. Scheduled RIs
- C. Convertible RIs
- D. Standard RIs

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#### Question #828Topic 1

A retailer want to create a highly available application that will be hosted on numerous Amazon EC2 instances.

How should the business deploy the EC2 instances in order to satisfy these requirements?

- A. Across multiple edge locations
- B. Across multiple VPCs
- C. Across multiple Availability Zones
- D. Across multiple AWS accounts

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#### Question #829Topic 1

Which pillar of the AWS Well-Architected Framework requires timely resource provisioning and scaling as required to sustain effectiveness as demand changes?

- A. Cost optimization
- B. Security
- C. Operational excellence
- D. Performance efficiency

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#### Question #830Topic 1

A business must use AWS Identity and Access Management (IAM) to associate an IAM policy with each IAM user in an AWS account.

Which solution satisfies this criterion?

- A. Attach the IAM policy to each IAM user.
- B. Attach the IAM policy to the IAM group containing all the IAM users.
- C. Attach the IAM policy to the IAM role containing all the IAM users.
- D. Apply the IAM policy to the entire AWS account.

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#### Question #831Topic 1

Which of the following is a software development framework that enables businesses to specify cloud resources as code and then deploy them using AWS CloudFormation?

- A. AWS CLI
- B. AWS Developer Center
- C. AWS Cloud Development Kit (AWS CDK)
- D. AWS CodeStar

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#### Question #832Topic 1

Which pillar of the AWS Well-Architected Framework is focused on the ability to efficiently operate workloads, get visibility into operations, and constantly enhance supporting processes and procedures?

- A. Cost optimization
- B. Reliability
- C. Operational excellence
- D. Performance efficiency

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#### Question #833Topic 1

Which Amazon S3 storage class is optimal for providing access to data that has lower resilience requirements but requires quick access in certain circumstances, such as duplicate backups?

- A. Amazon S3 Standard
- B. Amazon S3 Glacier Deep Archive
- C. Amazon S3 One Zone-Infrequent Access
- D. Amazon S3 Glacier

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#### Question #834Topic 1

Which AWS container service will assist the customer with the installation, operation, and scaling of the cluster management infrastructure?

- A. Amazon Elastic Container Registry (Amazon ECR)
- B. AWS Elastic Beanstalk
- C. Amazon Elastic Container Service (Amazon ECS)
- D. Amazon Elastic Block Store (Amazon EBS)

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#### Question #835Topic 1

Which form of AWS storage is considered ephemeral and is automatically erased when an instance is stopped or terminated?

- A. Amazon EBS
- B. Amazon EC2 instance store
- C. Amazon EFS
- D. Amazon S3

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#### Question #836Topic 1

How should users go if they want to deploy an application in geographically remote areas?

- A. Install the application using multiple internet gateways.
- B. Deploy the application to an Amazon VPC.
- C. Deploy the application to multiple AWS Regions.
- D. Configure the application using multiple NAT gateways.

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#### Question #837Topic 1

A user is running an application on Amazon Web Services (AWS) and observes that one or more AWS-owned IP addresses are being used in a distributed denial-of-service (DDoS) assault.

Whom should the user first contact in this situation?

- A. AWS Premium Support
- B. AWS Technical Account Manager
- C. AWS Solutions Architect
- D. AWS Abuse team

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#### Question #838Topic 1

Which AWS service offers suggestions for right-sizing Amazon Web Services (AWS) resources such as Amazon EC2 instances, Amazon Elastic Block Store (Amazon EBS) volumes, and Amazon RDS databases in order to help customers save money?

- A. Amazon Inspector
- B. AWS Trusted Advisor
- C. AWS Service Health Dashboard
- D. Amazon Forecast

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#### Question #839Topic 1

Which AWS service identifies security groups that provide unlimited Internet access to a limited number of ports?

- A. AWS Organizations
- B. AWS Trusted Advisor
- C. AWS Usage Report
- D. Amazon EC2 dashboard

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#### Question #840Topic 1

Which design principles should be taken into account while architecting for the AWS Cloud?

- A. Think of servers as non-disposable resources
- B. Use synchronous integration of services
- C. Design loosely coupled components
- D. Implement the least permissive rules for security groups

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Question #841Topic 1

Which AWS function or service allows for the collection of data about incoming and outgoing traffic in an AWS VPC infrastructure?

- A. AWS Config
- B. VPC Flow Logs
- C. AWS Trusted Advisor
- D. AWS CloudTrail

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Question #842Topic 1

Which pricing model results in the most savings on Amazon Elastic Compute Cloud (Amazon EC2) for a database server that must be available for one year?

- A. Spot Instance
- B. On-Demand Instance
- C. Partial Upfront Reserved Instance
- D. No Upfront Reserved Instance

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Question #843Topic 1

What is the customer's obligation while using AWS Lambda?

- A. Operating system configuration
- B. Application management
- C. Platform management
- D. Code encryption

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Question #844Topic 1

Which AWS infrastructure deployment model brings AWS computing, storage, database, and other select services closer to end users, allowing for the execution of latency-sensitive applications?

- A. AWS Regions
- B. Availability Zones
- C. Local Zones
- D. Edge locations

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#### Question #845Topic 1

Which Amazon Web Services (AWS) service can notify you when personally identifiable information (PII) is stored in an Amazon S3 bucket?

- A. Amazon GuardDuty
- B. Amazon Macie
- C. Amazon Inspector
- D. AWS Trusted Advisor

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#### Question #846Topic 1

Which AWS service or resource facilitates the connection of on-premises applications to AWS Cloud-based storage and caches data locally for low-latency access?

- A. AWS Direct Connect
- B. AWS Storage Gateway
- C. Amazon S3
- D. AWS Snowball Edge

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#### Question #847Topic 1

Which AWS service allows customers to monitor for certain words, values, or patterns and configure alerts based on metrics?

- A. AWS IQ
- B. Amazon Comprehend
- C. AWS CloudTrail
- D. Amazon CloudWatch Logs

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#### Question #848Topic 1

What is the MINIMUM AWS Support plan level that provides access to the AWS Support API for users?

- A. Developer
- B. Enterprise
- C. Business
- D. Basic

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#### Question #849Topic 1

What is the AWS customer's share of duty under the AWS shared responsibility model?

- A. Physical access controls
- B. Data encryption
- C. Secure disposal of storage devices
- D. Environmental risk management

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#### Question #850Topic 1

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

- A. Data centers contain regions.
- B. Regions contain Availability Zones.
- C. Availability Zones contain edge locations.
- D. Edge locations contain regions.

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#### Question #851Topic 1

What is the MINIMUM level of AWS Support that includes dedicated Technical Account Managers?

- A. Enterprise
- B. Business
- C. Developer
- D. Basic

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**Correct Answer:** A 

Reference:

<https://aws.amazon.com/premiumsupport/plans/>

Question #852Topic 1

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

- A. Amazon Elastic Compute Cloud (Amazon EC2)
- B. Amazon Relational Database Service (Amazon RDS) for MySQL
- C. Amazon Lightsail
- D. Amazon Aurora

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Question #853Topic 1

Which of the following benefits is accessible for Convertible Reserved Instances but NOT for Standard Reserved Instances?

- A. The instances can be exchanged for instances of a different instance size.
- B. The instances can be exchanged for instances of a different instance family.
- C. The instances can be changed to a different Availability Zone.
- D. The instances can be changed to a different AWS Region.

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Question #854Topic 1

Which of the following Amazon EC2 pricing structures enables users to leverage pre-existing server-bound software licenses?

- A. Spot Instances
- B. Reserved Instances
- C. Dedicated Hosts
- D. On-Demand Instances

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Question #855Topic 1

Which AWS service or feature optimizes network performance by routing traffic across AWS's global network infrastructure?

- A. Route table
- B. AWS Transit Gateway
- C. AWS Global Accelerator
- D. Amazon VPC



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Question #856Topic 1

Which AWS service is used to pay AWS bills, track consumption, and manage budget costs?

- A. AWS Billing and Cost Management
- B. Consolidated billing
- C. Amazon CloudWatch
- D. Amazon QuickSight

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Question #857Topic 1

Which component of the AWS global infrastructure is comprised of one or more distinct data centers, each with redundant power, networking, and connectivity, and located in their own facility?

- A. AWS Regions
- B. Availability Zones
- C. Edge locations
- D. Amazon CloudFront

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Question #858Topic 1

Which of the following Reserved Instance (RI) pricing schemes results in the greatest average savings over On-Demand pricing?

- A. One-year, No Upfront, Standard RI pricing
- B. One-year, All Upfront, Convertible RI pricing
- C. Three-year, All Upfront, Standard RI pricing
- D. Three-year, No Upfront, Convertible RI pricing

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Question #859Topic 1

Which AWS service level agreement includes a dedicated Technical Account Manager?

- A. Developer
- B. Enterprise
- C. Business
- D. Basic

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Question #860Topic 1

A business requires an increase in the response time for high-volume queries to its relational database.

Which AWS service should the business use to offload requests to the database and thereby reduce overall response times?

- A. Amazon DynamoDB Accelerator (DAX)
- B. Amazon ElastiCache
- C. Elastic Load Balancing
- D. AWS Global Accelerator

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#### Question #861Topic 1

What are the advantages of utilizing Amazon Web Services managed services such as Amazon ElastiCache and Amazon Relational Database Service (Amazon RDS)?

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

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#### Question #862Topic 1

Which AWS security service protects applications against distributed denial of service threats by providing continuous detection and automated inline mitigations?

- A. Amazon Inspector
- B. AWS Web Application Firewall (AWS WAF)
- C. Elastic Load Balancing (ELB)
- D. AWS Shield

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#### Question #863Topic 1

Which of the following enables an application running on an Amazon EC2 instance to write data securely to an Amazon S3 bucket without the need for long-term credentials?

- A. Amazon Cognito
- B. AWS Shield
- C. AWS IAM role
- D. AWS IAM user access key

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Question #864Topic 1

Which AWS service or feature enables the establishment of a dedicated network connection between an organization's on-premises data center and the AWS Cloud?

- A. AWS Direct Connect
- B. VPC peering
- C. AWS VPN
- D. Amazon Route 53

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