

 Custom View Settings

Topic 1 - Single Topic

Question #1

Topic 1

A company is planning to run a global marketing application in the AWS Cloud. The application will feature videos that can be viewed by users. The company must ensure that all users can view these videos with low latency. Which AWS service should the company use to meet this requirement?

- A. AWS Auto Scaling
- B. Amazon Kinesis Video Streams
- C. Elastic Load Balancing
- D. Amazon CloudFront

Correct Answer: D

Community vote distribution

D (100%)

Question #2

Topic 1

Which pillar of the AWS Well-Architected Framework refers to the ability of a system to recover from infrastructure or service disruptions and dynamically acquire computing resources to meet demand?

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

Correct Answer: B

Community vote distribution

B (97%)

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

- A. Operational resilience
- B. Discounts for products on Amazon.com
- C. Business agility
- D. Business excellence
- E. Increased staff retention

Correct Answer: AC

Community vote distribution

AC (94%)	3%
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A company is planning to replace its physical on-premises compute servers with AWS serverless compute services. The company wants to be able to take advantage of advanced technologies quickly after the migration.

Which pillar of the AWS Well-Architected Framework does this plan represent?

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

Correct Answer: B

Community vote distribution

B (79%)	C (21%)
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A large company has multiple departments. Each department has its own AWS account. Each department has purchased Amazon EC2 Reserved Instances.

Some departments do not use all the Reserved Instances that they purchased, and other departments need more Reserved Instances than they purchased.

The company needs to manage the AWS accounts for all the departments so that the departments can share the Reserved Instances.

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

- A. AWS Systems Manager
- B. Cost Explorer
- C. AWS Trusted Advisor
- D. AWS Organizations

Correct Answer: B

Reference:

<https://aws.amazon.com/ru/organizations/>

Community vote distribution

D (95%)	2%
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Which component of the AWS global infrastructure is made up of one or more discrete data centers that have redundant power, networking, and connectivity?

- A. AWS Region
- B. Availability Zone
- C. Edge location
- D. AWS Outposts

Correct Answer: B

Community vote distribution

B (93%)	7%
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Which duties are the responsibility of a company that is using AWS Lambda? (Choose two.)

- A. Security inside of code
- B. Selection of CPU resources
- C. Patching of operating system
- D. Writing and updating of code
- E. Security of underlying infrastructure

Correct Answer: AD

Community vote distribution

AD (90%)	10%
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Which AWS services or features provide disaster recovery solutions for Amazon EC2 instances? (Choose two.)

- A. 24x7 Reserved Instances
- B. EC2 Amazon Machine Images (AMIs)
- C. Amazon Elastic Block Store (Amazon EBS) snapshots
- D. AWS Shield
- E. Amazon GuardDuty

Correct Answer: BC

Community vote distribution

BC (100%)

A company is migrating to the AWS Cloud instead of running its infrastructure on premises.

Which of the following are advantages of this migration? (Choose two.)

- A. Elimination of the need to perform security auditing
- B. Increased global reach and agility
- C. Ability to deploy globally in minutes
- D. Elimination of the cost of IT staff members
- E. Redundancy by default for all compute services

Correct Answer: BD

Community vote distribution

BC (89%)	9%
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A user is comparing purchase options for an application that runs on Amazon EC2 and Amazon RDS. The application cannot sustain any interruption. The application experiences a predictable amount of usage, including some seasonal spikes that last only a few weeks at a time. It is not possible to modify the application.

Which purchase option meets these requirements MOST cost-effectively?

- A. Review the AWS Marketplace and buy Partial Upfront Reserved Instances to cover the predicted and seasonal load.
- B. Buy Reserved Instances for the predicted amount of usage throughout the year. Allow any seasonal usage to run on Spot Instances.
- C. Buy Reserved Instances for the predicted amount of usage throughout the year. Allow any seasonal usage to run at an On-Demand rate.
- D. Buy Reserved Instances to cover all potential usage that results from the seasonal usage.

Correct Answer: B

Community vote distribution

C (97%)

A company wants to review its monthly costs of using Amazon EC2 and Amazon RDS for the past year.

Which AWS service or tool provides this information?

- A. AWS Trusted Advisor
- B. Cost Explorer
- C. Amazon Forecast
- D. Amazon CloudWatch

Correct Answer: B

Community vote distribution

B (100%)

A company wants to migrate a critical application to AWS. The application has a short runtime. The application is invoked by changes in data or by shifts in system state. The company needs a compute solution that maximizes operational efficiency and minimizes the cost of running the application.

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

- A. Amazon EC2 On-Demand Instances
- B. AWS Lambda
- C. Amazon EC2 Reserved Instances
- D. Amazon EC2 Spot Instances

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service or feature allows users to connect with and deploy AWS services programmatically?

- A. AWS Management Console
- B. AWS Cloud9
- C. AWS CodePipeline
- D. AWS software development kits (SDKs)

Correct Answer: D

Community vote distribution

D (85%)

C (15%)

A company plans to create a data lake that uses Amazon S3.

Which factor will have the MOST effect on cost?

- A. The selection of S3 storage tiers
- B. Charges to transfer existing data into Amazon S3
- C. The addition of S3 bucket policies
- D. S3 ingest fees for each request

Correct Answer: A

Community vote distribution

A (97%)

A company is launching an ecommerce application that must always be available. The application will run on Amazon EC2 instances continuously for the next 12 months.

What is the MOST cost-effective instance purchasing option that meets these requirements?

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

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service or feature can a company use to determine which business unit is using specific AWS resources?

- A. Cost allocation tags
- B. Key pairs
- C. Amazon Inspector
- D. AWS Trusted Advisor

Correct Answer: A

Community vote distribution

A (100%)

A company wants to migrate its workloads to AWS, but it lacks expertise in AWS Cloud computing.

Which AWS service or feature will help the company with its migration?

- A. AWS Trusted Advisor
- B. AWS Consulting Partners
- C. AWS Artifacts
- D. AWS Managed Services

Correct Answer: D

Community vote distribution

B (64%)

D (35%)

Which AWS service or tool should a company use to centrally request and track service limit increases?

- A. AWS Config
- B. Service Quotas
- C. AWS Service Catalog
- D. AWS Budgets

Correct Answer: B

Community vote distribution

B (97%)

Which documentation does AWS Artifact provide?

- A. Amazon EC2 terms and conditions
- B. AWS ISO certifications
- C. A history of a company's AWS spending
- D. A list of previous-generation Amazon EC2 instance types

Correct Answer: B

Community vote distribution

B (91%)

9%

Which task requires using AWS account root user credentials?

- A. Viewing billing information
- B. Changing the AWS Support plan
- C. Starting and stopping Amazon EC2 instances
- D. Opening an AWS Support case

Correct Answer: B

Community vote distribution

B (80%)

A (20%)

A company needs to simultaneously process hundreds of requests from different users.

Which combination of AWS services should the company use to build an operationally efficient solution?

- A. Amazon Simple Queue Service (Amazon SQS) and AWS Lambda
- B. AWS Data Pipeline and Amazon EC2
- C. Amazon Kinesis and Amazon Athena
- D. AWS Amplify and AWS AppSync

Correct Answer: *B*

Community vote distribution

A (96%)	4%
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What is the scope of a VPC within the AWS network?

- A. A VPC can span all Availability Zones globally.
- B. A VPC must span at least two subnets in each AWS Region.
- C. A VPC must span at least two edge locations in each AWS Region.
- D. A VPC can span all Availability Zones within an AWS Region.

Correct Answer: *D*

Community vote distribution

D (92%)	8%
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Which of the following are components of an AWS Site-to-Site VPN connection? (Choose two.)

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

Correct Answer: *BD*

Community vote distribution

BD (100%)

A company needs to establish a connection between two VPCs. The VPCs are located in two different AWS Regions. The company wants to use the existing infrastructure of the VPCs for this connection.

Which AWS service or feature can be used to establish this connection?

- A. AWS Client VPN
- B. VPC peering
- C. AWS Direct Connect
- D. VPC endpoints

Correct Answer: B

Reference:

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

Community vote distribution

B (92%)	4%
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According to the AWS shared responsibility model, what responsibility does a customer have when using Amazon RDS to host a database?

- A. Manage connections to the database
- B. Install Microsoft SQL Server
- C. Design encryption-at-rest strategies
- D. Apply minor database patches

Correct Answer: A

Community vote distribution

A (70%)	C (28%)
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What are some advantages of using Amazon EC2 instances to host applications in the AWS Cloud instead of on premises? (Choose two.)

- A. EC2 includes operating system patch management.
- B. EC2 integrates with Amazon VPC, AWS CloudTrail, and AWS Identity and Access Management (IAM).
- C. EC2 has a 100% service level agreement (SLA).
- D. EC2 has a flexible, pay-as-you-go pricing model.
- E. EC2 has automatic storage cost optimization.

Correct Answer: DE

Community vote distribution

BD (84%)	Other
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A user needs to determine whether an Amazon EC2 instance's security groups were modified in the last month. How can the user see if a change was made?

- A. Use Amazon EC2 to see if the security group was changed.
- B. Use AWS Identity and Access Management (IAM) to see which user or role changed the security group.
- C. Use AWS CloudTrail to see if the security group was changed.
- D. Use Amazon CloudWatch to see if the security group was changed.

Correct Answer: C

Community vote distribution

C (97%)

Which AWS service will help protect applications running on AWS from DDoS attacks?

- A. Amazon GuardDuty
- B. AWS WAF
- C. AWS Shield
- D. Amazon Inspector

Correct Answer: C

Community vote distribution

C (94%)

6%

Which AWS service or feature acts as a firewall for Amazon EC2 instances?

- A. Network ACL
- B. Elastic network interface
- C. Amazon VPC
- D. Security group

Correct Answer: D

Community vote distribution

D (100%)

How does the AWS Cloud pricing model differ from the traditional on-premises storage pricing model?

- A. AWS resources do not incur costs
- B. There are no infrastructure operating costs
- C. There are no upfront cost commitments
- D. There are no software licensing costs

Correct Answer: B

Community vote distribution

C (54%) B (46%)

A company has a single Amazon EC2 instance. The company wants to adopt a highly available architecture.

What can the company do to meet this requirement?

- A. Scale vertically to a larger EC2 instance size.
- B. Scale horizontally across multiple Availability Zones.
- C. Purchase an EC2 Dedicated Instance.
- D. Change the EC2 instance family to a compute optimized instance.

Correct Answer: B

Community vote distribution

B (100%)

A company's on-premises application deployment cycle was 3-4 weeks. After migrating to the AWS Cloud, the company can deploy the application in 2-3 days.

Which benefit has this company experienced by moving to the AWS Cloud?

- A. Elasticity
- B. Flexibility
- C. Agility
- D. Resilience

Correct Answer: A

Community vote distribution

C (98%)

Which of the following are included in AWS Enterprise Support? (Choose two.)

- A. AWS technical account manager (TAM)
- B. AWS partner-led support
- C. AWS Professional Services
- D. Support of third-party software integration to AWS
- E. 5-minute response time for critical issues

Correct Answer: AD

Community vote distribution

AD (75%)	AE (17%)	8%
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A global media company uses AWS Organizations to manage multiple AWS accounts.

Which AWS service or feature can the company use to limit the access to AWS services for member accounts?

- A. AWS Identity and Access Management (IAM)
- B. Service control policies (SCPs)
- C. Organizational units (OUs)
- D. Access control lists (ACLs)

Correct Answer: C

Community vote distribution

B (85%)	Other
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A company wants to limit its employees' AWS access to a portfolio of predefined AWS resources.

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

- A. AWS Config
- B. AWS software development kits (SDKs)
- C. AWS Service Catalog
- D. AWS AppSync

Correct Answer: C

Community vote distribution

C (100%)

An online company was running a workload on premises and was struggling to launch new products and features. After migrating the workload to AWS, the company can quickly launch products and features and can scale its infrastructure as required. Which AWS Cloud value proposition does this scenario describe?

- A. Business agility
- B. High availability
- C. Security
- D. Centralized auditing

Correct Answer: A

Community vote distribution

A (100%)

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

- A. AWS management of user-owned infrastructure
- B. Ability to quickly change required capacity
- C. High economies of scale
- D. Increased deployment time to market
- E. Increased fixed expenses

Correct Answer: BC

Community vote distribution

BC (89%)

6%

AWS has the ability to achieve lower pay-as-you-go pricing by aggregating usage across hundreds of thousands of users. This describes which advantage of the AWS Cloud?

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

Correct Answer: C

Community vote distribution

C (100%)

A company has a database server that is always running. The company hosts the server on Amazon EC2 instances. The instance sizes are suitable for the workload. The workload will run for 1 year.

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

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

Correct Answer: A

Community vote distribution

A (100%)

A company is developing a mobile app that needs a high-performance NoSQL database.

Which AWS services could the company use for this database? (Choose two.)

- A. Amazon Aurora
- B. Amazon RDS
- C. Amazon Redshift
- D. Amazon DocumentDB (with MongoDB compatibility)
- E. Amazon DynamoDB

Correct Answer: BE

Community vote distribution

DE (98%)

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

- A. Patch the Amazon EC2 guest operating system.
- B. Upgrade the firmware of the network infrastructure.
- C. Apply password rotation for IAM users.
- D. Maintain the physical security of edge locations.
- E. Maintain least privilege access to the root user account.

Correct Answer: BD

Community vote distribution

BD (92%)

8%

Which of the following are features of network ACLs as they are used in the AWS Cloud? (Choose two.)

- A. They are stateless.
- B. They are stateful.
- C. They evaluate all rules before allowing traffic.
- D. They process rules in order, starting with the lowest numbered rule, when deciding whether to allow traffic.
- E. They operate at the instance level.

Correct Answer: AD

Community vote distribution

AD (96%)	2%
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A company has designed its AWS Cloud infrastructure to run its workloads effectively. The company also has protocols in place to continuously improve supporting processes.

Which pillar of the AWS Well-Architected Framework does this scenario represent?

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

Correct Answer: D

Community vote distribution

D (89%)	11%
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Which AWS service or feature can be used to create a private connection between an on-premises workload and an AWS Cloud workload?

- A. Amazon Route 53
- B. Amazon Macie
- C. AWS Direct Connect
- D. AWS PrivateLink

Correct Answer: D

Community vote distribution

C (81%)	D (19%)
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A company needs to graphically visualize AWS billing and usage over time. The company also needs information about its AWS monthly costs. Which AWS Billing and Cost Management tool provides this data in a graphical format?

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

Correct Answer: B

Community vote distribution

B (93%)	4%
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A company wants to run production workloads on AWS. The company needs concierge service, a designated AWS technical account manager (TAM), and technical support that is available 24 hours a day, 7 days a week.

Which AWS Support plan will meet these requirements?

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

Correct Answer: B

Community vote distribution

B (100%)

Which architecture design principle describes the need to isolate failures between dependent components in the AWS Cloud?

- A. Use a monolithic design.
- B. Design for automation.
- C. Design for single points of failure.
- D. Loosely couple components.

Correct Answer: D

Community vote distribution

D (100%)

Which AWS services are managed database services? (Choose two.)

- A. Amazon Elastic Block Store (Amazon EBS)
- B. Amazon S3
- C. Amazon RDS
- D. Amazon Elastic File System (Amazon EFS)
- E. Amazon DynamoDB

Correct Answer: CE

Community vote distribution

CE (100%)

A company is using the AWS Free Tier for several AWS services for an application.

What will happen if the Free Tier usage period expires or if the application use exceeds the Free Tier usage limits?

- A. The company will be charged the standard pay-as-you-go service rates for the usage that exceeds the Free Tier usage.
- B. AWS Support will contact the company to set up standard service charges.
- C. The company will be charged for the services it consumed during the Free Tier period, plus additional charges for service consumption after the Free Tier period.
- D. The company's AWS account will be frozen and can be restarted after a payment plan is established.

Correct Answer: A

Community vote distribution

A (91%)

4%

A company recently deployed an Amazon RDS instance in its VPC. The company needs to implement a stateful firewall to limit traffic to the private corporate network.

Which AWS service or feature should the company use to limit network traffic directly to its RDS instance?

- A. Network ACLs
- B. Security groups
- C. AWS WAF
- D. Amazon GuardDuty

Correct Answer: C

Community vote distribution

B (95%)

5%

Which AWS service uses machine learning to help discover, monitor, and protect sensitive data that is stored in Amazon S3 buckets?

- A. AWS Shield
- B. Amazon Macie
- C. AWS Network Firewall
- D. Amazon Cognito

Correct Answer: B

Community vote distribution

B (100%)

A company wants to improve the overall availability and performance of its applications that are hosted on AWS.

Which AWS service should the company use?

- A. Amazon Connect
- B. Amazon Lightsail
- C. AWS Global Accelerator
- D. AWS Storage Gateway

Correct Answer: C

Community vote distribution

C (88%)

12%

Which AWS service or feature identifies whether an Amazon S3 bucket or an IAM role has been shared with an external entity?

- A. AWS Service Catalog
- B. AWS Systems Manager
- C. AWS IAM Access Analyzer
- D. AWS Organizations

Correct Answer: C

Community vote distribution

C (100%)

A company does not want to rely on elaborate forecasting to determine its usage of compute resources. Instead, the company wants to pay only for the resources that it uses. The company also needs the ability to increase or decrease its resource usage to meet business requirements. Which pillar of the AWS Well-Architected Framework aligns with these requirements?

- A. Operational excellence
- B. Security
- C. Reliability
- D. Cost optimization

Correct Answer: D

Community vote distribution

D (66%)

C (34%)

A company wants to launch its workload on AWS and requires the system to automatically recover from failure.

Which pillar of the AWS Well-Architected Framework includes this requirement?

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

Correct Answer: D

Community vote distribution

D (100%)

A large enterprise with multiple VPCs in several AWS Regions around the world needs to connect and centrally manage network connectivity between its VPCs.

Which AWS service or feature meets these requirements?

- A. AWS Direct Connect
- B. AWS Transit Gateway
- C. AWS Site-to-Site VPN
- D. VPC endpoints

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service supports the creation of visual reports from AWS Cost and Usage Report data?

- A. Amazon Athena
- B. Amazon QuickSight
- C. Amazon CloudWatch
- D. AWS Organizations

Correct Answer: A

Community vote distribution

B (82%) A (18%)

Which AWS service should be used to monitor Amazon EC2 instances for CPU and network utilization?

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

Correct Answer: C

Community vote distribution

C (100%)

A company is preparing to launch a new web store that is expected to receive high traffic for an upcoming event. The web store runs only on AWS, and the company has an AWS Enterprise Support plan.

Which AWS resource will provide guidance about how the company should scale its architecture and operational support during the event?

- A. AWS Abuse team
- B. The designated AWS technical account manager (TAM)
- C. AWS infrastructure event management
- D. AWS Professional Services

Correct Answer: B

Community vote distribution

C (70%) B (30%)

A user wants to deploy a service to the AWS Cloud by using infrastructure-as-code (IaC) principles.

Which AWS service can be used to meet this requirement?

- A. AWS Systems Manager
- B. AWS CloudFormation
- C. AWS CodeCommit
- D. AWS Config

Correct Answer: B

Community vote distribution

B (100%)

A company that has multiple business units wants to centrally manage and govern its AWS Cloud environments. The company wants to automate the creation of

AWS accounts, apply service control policies (SCPs), and simplify billing processes.

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

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

Correct Answer: A

Community vote distribution

A (100%)

Which IT controls do AWS and the customer share, according to the AWS shared responsibility model? (Choose two.)

- A. Physical and environmental controls
- B. Patch management
- C. Cloud awareness and training
- D. Zone security
- E. Application data encryption

Correct Answer: BC

Community vote distribution

BC (73%)

AB (18%)

9%

A company is launching an application in the AWS Cloud. The application will use Amazon S3 storage. A large team of researchers will have shared access to the data. The company must be able to recover data that is accidentally overwritten or deleted. Which S3 feature should the company turn on to meet this requirement?

- A. Server access logging
- B. S3 Versioning
- C. S3 Lifecycle rules
- D. Encryption in transit and at rest

Correct Answer: B

Community vote distribution

B (100%)

A manufacturing company has a critical application that runs at a remote site that has a slow internet connection. The company wants to migrate the workload to AWS. The application is sensitive to latency and interruptions in connectivity. The company wants a solution that can host this application with minimum latency.

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

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

Correct Answer: B

Community vote distribution

D (55%)

B (41%)

4%

A company wants to migrate its applications from its on-premises data center to a VPC in the AWS Cloud. These applications will need to access on-premises resources.

Which actions will meet these requirements? (Choose two.)

- A. Use AWS Service Catalog to identify a list of on-premises resources that can be migrated.
- B. Create a VPN connection between an on-premises device and a virtual private gateway in the VPC.
- C. Use an Amazon CloudFront distribution and configure it to accelerate content delivery close to the on-premises resources.
- D. Set up an AWS Direct Connect connection between the on-premises data center and AWS.
- E. Use Amazon CloudFront to restrict access to static web content provided through the on-premises web servers.

Correct Answer: AD

Community vote distribution

BD (87%)

8%

A company wants to use the AWS Cloud to provide secure access to desktop applications that are running in a fully managed environment. Which AWS service should the company use to meet this requirement?

- A. Amazon S3
- B. Amazon AppStream 2.0
- C. AWS AppSync
- D. AWS Outposts

Correct Answer: A

Community vote distribution

B (93%)	7%
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A company wants to implement threat detection on its AWS infrastructure. However, the company does not want to deploy additional software. Which AWS service should the company use to meet these requirements?

- A. Amazon VPC
- B. Amazon EC2
- C. Amazon GuardDuty
- D. AWS Direct Connect

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service uses edge locations?

- A. Amazon Aurora
- B. AWS Global Accelerator
- C. Amazon Connect
- D. AWS Outposts

Correct Answer: B

Reference:

<https://aws.amazon.com/global-accelerator/>

Community vote distribution

B (75%)	D (25%)
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A company needs to install an application in a Docker container.

Which AWS service eliminates the need to provision and manage the container hosts?

- A. AWS Fargate
- B. Amazon FSx for Windows File Server
- C. Amazon Elastic Container Service (Amazon ECS)
- D. Amazon EC2

Correct Answer: C

Community vote distribution

A (59%) C (41%)

Which AWS service or feature checks access policies and offers actionable recommendations to help users set secure and functional policies?

- A. AWS Systems Manager
- B. AWS IAM Access Analyzer
- C. AWS Trusted Advisor
- D. Amazon GuardDuty

Correct Answer: B

Community vote distribution

B (76%) C (24%)

A company has a fleet of cargo ships. The cargo ships have sensors that collect data at sea, where there is intermittent or no internet connectivity.

The company needs to collect, format, and process the data at sea and move the data to AWS later.

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

- A. AWS IoT Core
- B. Amazon Lightsail
- C. AWS Storage Gateway
- D. AWS Snowball Edge

Correct Answer: C

Community vote distribution

D (78%) A (19%)

A retail company needs to build a highly available architecture for a new ecommerce platform. The company is using only AWS services that replicate data across multiple Availability Zones.

Which AWS services should the company use to meet this requirement? (Choose two.)

- A. Amazon EC2
- B. Amazon Elastic Block Store (Amazon EBS)
- C. Amazon Aurora
- D. Amazon DynamoDB
- E. Amazon Redshift

Correct Answer: AB

Reference:

<https://aws.amazon.com/rds/features/multi-az/#:~:text=Amazon%20Aurora%20further%20extends%20the,ways%2C%20across%20three%20Availability%20Zones>

Community vote distribution

CD (60%)	AB (24%)	Other
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Which characteristic of the AWS Cloud helps users eliminate underutilized CPU capacity?

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

Correct Answer: B

Community vote distribution

B (100%)

Service control policies (SCPs) manage permissions for which of the following?

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

Correct Answer: C

Reference:

https://docs.aws.amazon.com/organizations/latest/userguide/orgs_manage_policies_scps.html

Community vote distribution

C (100%)

Which AWS service can be used to encrypt data at rest?

- A. Amazon GuardDuty
- B. AWS Shield
- C. AWS Security Hub
- D. AWS Key Management Service (AWS KMS)

Correct Answer: D

Reference:

<https://aws.amazon.com/blogs/security/how-to-protect-data-at-rest-with-amazon-ec2-instance-store-encryption/>

AWS Key Management Service (KMS) – AWS KMS is a managed service that enables easy creation and control of encryption keys used to encrypt data. KMS uses envelope encryption in which data is encrypted using a data key that is then encrypted using a master key. Master keys can also be used to encrypt and decrypt up to 4 kilobytes of data. In our solution, I use KMS encrypt/decrypt APIs to encrypt the encrypted file system's password. See more information about [envelope encryption](#).

Community vote distribution

D (100%)

Which characteristics are advantages of using the AWS Cloud? (Choose 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

Correct Answer: BD

Reference:

<https://intellipaat.com/blog/aws-benefits-and-drawbacks/>

Community vote distribution

BD (100%)

A user is storing objects in Amazon S3. The user needs to restrict access to the objects to meet compliance obligations.

What should the user do to meet this requirement?

- A. Use AWS Secrets Manager.
- B. Tag the objects in the S3 bucket.
- C. Use security groups.
- D. Use network ACLs.

Correct Answer: D

Community vote distribution

B (76%) D (19%) 4%

A company wants to convert video files and audio files from their source format into a format that will play on smartphones, tablets, and web browsers.

Which AWS service will meet these requirements?

- A. Amazon Elastic Transcoder
- B. Amazon Comprehend
- C. AWS Glue
- D. Amazon Rekognition

Correct Answer: A

Community vote distribution

A (100%)

Which of the following are benefits of Amazon EC2 Auto Scaling? (Choose two.)

- A. Improved health and availability of applications
- B. Reduced network latency
- C. Optimized performance and costs
- D. Automated snapshots of data
- E. Cross-Region Replication

Correct Answer: AB

Community vote distribution

AC (100%)

A company has several departments. Each department has its own AWS accounts for its applications. The company wants all AWS costs on a single invoice to simplify payment, but the company wants to know the costs that each department is incurring. Which AWS tool or feature will provide this functionality?

- A. AWS Cost and Usage Reports
- B. Consolidated billing
- C. Savings Plans
- D. AWS Budgets

Correct Answer: B

Community vote distribution

B (100%)

A company runs its workloads on premises. The company wants to forecast the cost of running a large application on AWS. Which AWS service or tool can the company use to obtain this information?

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

Correct Answer: D

Reference:

<https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/ce-forecast.html>

Community vote distribution

A (93%)

7%

A company wants to eliminate the need to guess infrastructure capacity before deployments. The company also wants to spend its budget on cloud resources only as the company uses the resources.

Which advantage of the AWS Cloud matches the company's requirements?

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

Correct Answer: D

Reference:

<https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html>

Community vote distribution

D (86%)

10%

Which AWS service supports a hybrid architecture that gives users the ability to extend AWS infrastructure, AWS services, APIs, and tools to data centers, co- location environments, or on-premises facilities?

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

Correct Answer: C

Reference:

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

Community vote distribution

C (100%)

A company has a physical tape library to store data backups. The tape library is running out of space. The company needs to extend the tape library's capacity to the AWS Cloud.

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

- A. Amazon Elastic Block Store (Amazon EBS)
- B. Amazon S3
- C. Amazon Elastic File System (Amazon EFS)
- D. AWS Storage Gateway

Correct Answer: D

Community vote distribution

D (94%)

6%

An online retail company has seasonal sales spikes several times a year, primarily around holidays. Demand is lower at other times. The company finds it difficult to predict the increasing infrastructure demand for each season.

Which advantages of moving to the AWS Cloud would MOST benefit the company? (Choose two.)

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

Correct Answer: BE

Reference:

<https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html>

Community vote distribution

BE (100%)

Which AWS service can be used to turn text into lifelike speech?

- A. Amazon Polly
- B. Amazon Kendra
- C. Amazon Rekognition
- D. Amazon Connect

Correct Answer: A

Reference:

<https://aws.amazon.com/polly/#:~:text=Amazon%20Polly%20is%20a%20service,synthesize%20natural%20 sounding%20human%20speech>

Community vote distribution

A (100%)

Which AWS service or tool can be used to capture information about inbound and outbound traffic in an Amazon VPC?

- A. VPC Flow Logs
- B. Amazon Inspector
- C. VPC endpoint services
- D. NAT gateway

Correct Answer: A

Community vote distribution

A (100%)

A company wants to ensure that two Amazon EC2 instances are in separate data centers with minimal communication latency between the data centers.

How can the company meet 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.

Correct Answer: B

Community vote distribution

B (81%)

D (19%)

In which situations should a company create an IAM user instead of an IAM role? (Choose two.)

- A. When an application that runs on Amazon EC2 instances requires access to other AWS services
- B. When the company creates AWS access credentials for individuals
- C. When the company creates an application that runs on a mobile phone that makes requests to AWS
- D. When the company needs to add users to IAM groups
- E. When users are authenticated in the corporate network and want to be able to use AWS without having to sign in a second time

Correct Answer: BD

Community vote distribution

BD (75%) AC (25%)

Which AWS services should a company use to read and write data that changes frequently? (Choose two.)

- A. Amazon S3 Glacier
- B. Amazon RDS
- C. AWS Snowball
- D. Amazon Redshift
- E. Amazon Elastic File System (Amazon EFS)

Correct Answer: BD

Community vote distribution

BE (68%) BD (32%)

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

- A. AWS Certificate Manager
- B. AWS Systems Manager
- C. AWS KMS
- D. AWS Config

Correct Answer: C

Community vote distribution

C (100%)

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

- A. AWS Fargate
- B. Amazon CloudFront
- C. AWS Global Accelerator
- D. AWS Wavelength
- E. Amazon VPC

Correct Answer: BC

Reference:

<https://www.lastweekinaws.com/blog/what-is-an-edge-location-in-aws-a-simple-explanation/#:~:text=CloudFront%20is%20the%20most%20commonly,caches%20content%20in%20edge%20locations>

- CloudFront is the most commonly discussed use of edge locations. It's a content delivery network that caches content in edge locations. Content can be served directly from the cache, so it gets to users faster. CloudFront is often used to serve static assets, speed up websites, and stream video.
- Route 53 is purportedly a managed DNS service with name servers spread across Amazon's edge locations. DNS responses come directly from the edge locations, so they're as fast as possible.
- Web Application Firewall and AWS Shield provide a firewall and DDoS protection, respectively. These services filter traffic in edge locations so malicious or unwanted traffic can be discarded as close to source as possible. This, in turn, reduces congestion on Amazon's global network and the public internet.
- AWS Global Accelerator allows you to route requests for key resources through Amazon's global network—even if the request is going halfway round the world. The request is initially routed to the closest edge location and then travels through Amazon's network—often with lower latency and higher throughput than the public internet.

Community vote distribution

BC (91%) 9%

A company is operating several factories where it builds products. The company needs the ability to process data, store data, and run applications with local system interdependencies that require low latency.

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

- A. AWS IoT Greengrass
- B. AWS Lambda
- C. AWS Outposts
- D. AWS Snowball Edge

Correct Answer: B

Community vote distribution

C (81%) Other

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

- A. Design tightly coupled components.
- B. Build a single application component that can handle all the application functionality.
- C. Make large changes on fewer iterations to reduce chances of failure.
- D. Avoid monolithic architecture by segmenting workloads.

Correct Answer: C

Community vote distribution

D (94%)	6%
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A company is designing its AWS workloads so that components can be updated regularly and so that changes can be made in small, reversible increments.

Which pillar of the AWS Well-Architected Framework does this design support?

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

Correct Answer: B

Community vote distribution

C (96%)	4%
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Which of the following acts as an instance-level firewall to control inbound and outbound access?

- A. Network access control list
- B. Security groups
- C. AWS Trusted Advisor
- D. Virtual private gateways

Correct Answer: B

Community vote distribution

B (100%)

A company has a workload that will run continuously for 1 year. The workload cannot tolerate service interruptions.

Which Amazon EC2 purchasing option will be MOST cost-effective?

- A. All Upfront Reserved Instances
- B. Partial Upfront Reserved Instances
- C. Dedicated Instances
- D. On-Demand Instances

Correct Answer: A

Community vote distribution

A (95%)	5%
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Which AWS service helps protect against DDoS attacks?

- A. AWS Shield
- B. Amazon Inspector
- C. Amazon GuardDuty
- D. Amazon Detective

Correct Answer: A

Community vote distribution

A (100%)

Using AWS Config to record, audit, and evaluate changes to AWS resources to enable traceability is an example of which AWS Well-Architected Framework pillar?

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

Correct Answer: A

Reference:

[\(12\)](https://d1.awsstatic.com/whitepapers/architecture/AWS_Well-Architected_Framework.pdf)

Community vote distribution

A (80%)	B (20%)
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Which AWS tool or feature acts as a VPC firewall at the subnet level?

- A. Security group
- B. Network ACL
- C. Traffic Mirroring
- D. Internet gateway

Correct Answer: B

Community vote distribution

B (93%) 7%

Which AWS service can be used to decouple applications?

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

Correct Answer: B

Community vote distribution

B (100%)

Which disaster recovery option is the LEAST expensive?

- A. Warm standby
- B. Multisite
- C. Backup and restore
- D. Pilot light

Correct Answer: C

Community vote distribution

C (100%)

Which type of AWS storage is ephemeral and is deleted when an Amazon EC2 instance is stopped or terminated?

- A. Amazon Elastic Block Store (Amazon EBS)
- B. Amazon EC2 instance store
- C. Amazon Elastic File System (Amazon EFS)
- D. Amazon S3

Correct Answer: B

When you stop or terminate an instance, every block of storage in the instance store is reset. Therefore, your data cannot be accessed through the instance store of another instance.

Reference:

<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/InstanceStorage.html>

Community vote distribution

B (100%)

Which of the following is a characteristic of the AWS account root user?

- 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.

Correct Answer: B

Reference:

https://docs.aws.amazon.com/IAM/latest/UserGuide/id_root-user.html

AWS account root user

[PDF](#) | [Kindle](#) | [RSS](#)

When you first create an Amazon Web Services (AWS) account, you begin with one identity that has complete access to all AWS services and resources in the account. This identity is called the AWS account *root user*. You can sign in as the root user using the email address and password that you used to create the account.

Community vote distribution

C (100%)

A company hosts an application on an Amazon EC2 instance. The EC2 instance needs to access several AWS resources, including Amazon S3 and Amazon DynamoDB.

What is the MOST operationally efficient solution 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.

Correct Answer: A

Reference:

https://docs.aws.amazon.com/IAM/latest/UserGuide/id_roles_use_switch-role-ec2.html

Community vote distribution

A (83%) D (17%)

Which of the following is a component of the AWS Global Infrastructure?

- A. Amazon Alexa
- B. AWS Regions
- C. Amazon Lightsail
- D. AWS Organizations

Correct Answer: B

Reference:

<https://aws.amazon.com/about-aws/global-infrastructure/>

Community vote distribution

B (100%)

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

- A. To create a VPN connection to the VPC
- B. To allow communication between the VPC and the internet
- C. To impose bandwidth constraints on internet traffic
- D. To load balance traffic from the internet across Amazon EC2 instances

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service allows users to download security and compliance reports about the AWS infrastructure on demand?

- A. Amazon GuardDuty
- B. AWS Security Hub
- C. AWS Artifact
- D. AWS Shield

Correct Answer: C

Community vote distribution

C (100%)

A pharmaceutical company operates its infrastructure in a single AWS Region. The company has thousands of VPCs in various AWS accounts that it wants to interconnect.

Which AWS service or feature should the company use to help simplify management and reduce operational costs?

- A. VPC endpoint
- B. AWS Direct Connect
- C. AWS Transit Gateway
- D. VPC peering

Correct Answer: D

Reference:

<https://d1.awsstatic.com/whitepapers/building-a-scalable-and-secure-multi-vpc-aws-network-infrastructure.pdf>
(9)

Community vote distribution

C (82%)

D (18%)

A company is planning an infrastructure deployment to the AWS Cloud. Before the deployment, the company wants a cost estimate for running the infrastructure.

Which AWS service or feature can provide this information?

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

Correct Answer: D

Community vote distribution

D (100%)

Which AWS service or tool helps to centrally manage billing and allow controlled access to resources across AWS accounts?

- A. AWS Identity and Access Management (IAM)
- B. AWS Organizations
- C. Cost Explorer
- D. AWS Budgets

Correct Answer: B

Community vote distribution

B (92%) 8%

Which of the following are Amazon Virtual Private Cloud (Amazon VPC) resources?

- A. Objects; access control lists (ACLs)
- B. Subnets; internet gateways
- C. Access policies; buckets
- D. Groups; roles

Correct Answer: B

Community vote distribution

B (100%)

A company needs to identify the last time that a specific user accessed the AWS Management Console.

Which AWS service will provide this information?

- A. Amazon Cognito
- B. AWS CloudTrail
- C. Amazon Inspector
- D. Amazon GuardDuty

Correct Answer: B

Community vote distribution

B (100%)

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

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

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

Correct Answer: AC

Community vote distribution

AD (100%)

A company wants to perform sentiment analysis on customer service email messages that it receives. The company wants to identify whether the customer service engagement was positive or negative.

Which AWS service should the company use to perform this analysis?

- A. Amazon Textract
- B. Amazon Translate
- C. Amazon Comprehend
- D. Amazon Rekognition

Correct Answer: C

Community vote distribution

C (83%)

D (17%)

What is the total amount of storage offered by Amazon S3?

- A. 100MB
- B. 5 GB
- C. 5 TB
- D. Unlimited

Correct Answer: D

Community vote distribution

D (94%)

6%

A company is migrating to Amazon S3. The company needs to transfer 60 TB of data from an on-premises data center to AWS within 10 days. Which AWS service should the company use to accomplish this migration?

- A. Amazon S3 Glacier
- B. AWS Database Migration Service (AWS DMS)
- C. AWS Snowball
- D. AWS Direct Connect

Correct Answer: C

Community vote distribution

C (100%)

What type of database is Amazon DynamoDB?

- A. In-memory
- B. Relational
- C. Key-value
- D. Graph

Correct Answer: C

Community vote distribution

C (100%)

A large organization has a single AWS account.

What are the advantages of reconfiguring the single account into multiple AWS accounts? (Choose 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.

Correct Answer: AC

Community vote distribution

AD (98%)

A retail company has recently migrated its website to AWS. The company wants to ensure that it is protected from SQL injection attacks. The website uses an Application Load Balancer to distribute traffic to multiple Amazon EC2 instances.

Which AWS service or feature can be used to create a custom rule that blocks SQL injection attacks?

- A. Security groups
- B. AWS WAF
- C. Network ACLs
- D. AWS Shield

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service provides a feature that can be used to proactively monitor and plan for the service quotas of AWS resources?

- A. AWS CloudTrail
- B. AWS Personal Health Dashboard
- C. AWS Trusted Advisor
- D. Amazon CloudWatch

Correct Answer: D

Community vote distribution

C (61%)

D (38%)

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

- A. Elimination of expenses for running and maintaining data centers
- B. Price discounts that are identical to discounts from hardware providers
- C. Distribution of all operational controls to AWS
- D. Elimination of operational expenses

Correct Answer: A

Community vote distribution

A (100%)

Which design principle is included in the operational excellence pillar of the AWS Well-Architected Framework?

- A. Create annotated documentation.
- B. Anticipate failure.
- C. Ensure performance efficiency.
- D. Optimize costs.

Correct Answer: B

Community vote distribution

B (100%)

Which AWS services offer gateway VPC endpoints that can be used to avoid sending traffic over the internet? (Choose two.)

- A. Amazon Simple Notification Service (Amazon SNS)
- B. Amazon Simple Queue Service (Amazon SQS)
- C. AWS CodeBuild
- D. Amazon S3
- E. Amazon DynamoDB

Correct Answer: BD

Community vote distribution

DE (100%)

Which of the following is the customer responsible for updating and patching, according to the AWS shared responsibility model?

- A. Amazon FSx for Windows File Server
- B. Amazon WorkSpaces virtual Windows desktop
- C. AWS Directory Service for Microsoft Active Directory
- D. Amazon RDS for Microsoft SQL Server

Correct Answer: B

Community vote distribution

B (100%)

Who has the responsibility to patch the host operating system of an Amazon EC2 instance, according to the AWS shared responsibility model?

- A. Both AWS and the customer
- B. The customer only
- C. The EC2 hardware manufacturer
- D. AWS only

Correct Answer: B

Community vote distribution

D (71%)	B (29%)
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A company is using an Amazon RDS DB instance for an application that is deployed in the AWS Cloud. The company needs regular patching of the operating system of the server where the DB instance runs.

What is the company's responsibility in this situation, according to the AWS shared responsibility model?

- A. Open a support case to obtain administrative access to the server so that the company can patch the DB instance operating system.
- B. Open a support case and request that AWS patch the DB instance operating system.
- C. Use administrative access to the server, and apply the operating system patches during the regular maintenance window that is defined for the DB instance.
- D. Establish a regular maintenance window that tells AWS when to patch the DB instance operating system.

Correct Answer: B

Community vote distribution

D (60%)	B (31%)	10%
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Why is an AWS Well-Architected review a critical part of the cloud design process?

- A. A Well-Architected review is mandatory before a workload can run on AWS.
- B. A Well-Architected review helps identify design gaps and helps evaluate design decisions and related documents.
- C. A Well-Architected review is an audit mechanism that is a part of requirements for service level agreements.
- D. A Well-Architected review eliminates the need for ongoing auditing and compliance tests.

Correct Answer: B

Community vote distribution

B (100%)

A company implements an Amazon EC2 Auto Scaling policy along with an Application Load Balancer to automatically recover unhealthy applications that run on Amazon EC2 instances.

Which pillar of the AWS Well-Architected Framework does this action cover?

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

Correct Answer: D

Reference:

<https://docs.aws.amazon.com/wellarchitected/latest/reliability-pillar/wellarchitected-reliability-pillar.pdf>

Community vote distribution

D (100%)

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

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

Correct Answer: D

Community vote distribution

D (100%)

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

- A. Creating versions of Lambda functions
- B. Maintaining server and operating systems
- C. Scaling Lambda resources according to demand
- D. Updating the Lambda runtime environment

Correct Answer: A

Community vote distribution

A (68%)

D (27%)

5%

What does the AWS Concierge Support team provide?

- A. A technical expert dedicated to the user
- B. A primary point of contact for AWS Billing and AWS Support
- C. A partner to help provide scaling guidance for an event launch
- D. A dedicated AWS staff member who reviews the user's application architecture

Correct Answer: A

Community vote distribution

B (100%)

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

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

- A. Reserved Instance utilization and coverage reports
- B. Savings Plans utilization reports
- C. AWS Budgets reports
- D. AWS Cost and Usage Reports

Correct Answer: D

Community vote distribution

D (100%)

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

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

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

Correct Answer: D

Community vote distribution

D (89%)

11%

A company needs to set up a petabyte-scale data warehouse in the AWS Cloud.

Which AWS service will meet this requirement?

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

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service is always provided at no charge?

- A. Amazon S3
- B. AWS Identity and Access Management (IAM)
- C. Elastic Load Balancers
- D. AWS WAF

Correct Answer: B

Community vote distribution

B (100%)

A company needs to design an AWS disaster recovery plan to cover multiple geographic areas.

Which action will meet this requirement?

- A. Configure multiple AWS accounts.
- B. Configure the architecture across multiple Availability Zones in an AWS Region.
- C. Configure the architecture across multiple AWS Regions.
- D. Configure the architecture among many edge locations.

Correct Answer: C

Community vote distribution

C (77%)

B (23%)

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

- A. Compute instances can be launched and terminated as needed to optimize costs.
- B. Compute costs can be viewed in the AWS Billing and Cost Management console.
- C. Users retain full administrative access to their compute instances.
- D. Users can optimize costs by permanently running enough instances at peak load.

Correct Answer: A

Community vote distribution

A (85%)

B (15%)

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

- A. AWS replaces upfront capital expenditures with pay-as-you-go costs.
- B. AWS is designed for high availability, which eliminates user downtime.
- C. AWS eliminates the need for on-premises IT staff.
- D. AWS uses economies of scale to continually reduce prices.
- E. AWS offers a single pricing model for Amazon EC2 instances.

Correct Answer: AC

Community vote distribution

AD (81%)

Other

Which AWS service monitors AWS accounts for security threats?

- A. Amazon GuardDuty
- B. AWS Secrets Manager
- C. Amazon Cognito
- D. AWS Certificate Manager (ACM)

Correct Answer: A

Community vote distribution

A (73%)

C (27%)

Which benefit is included with an AWS Enterprise Support plan?

- A. AWS Partner Network (APN) support at no cost.
- B. Designated support from an AWS technical account manager (TAM)
- C. On-site support from AWS engineers
- D. AWS managed compliance as code with AWS Config

Correct Answer: B

Community vote distribution

B (100%)

Which task does AWS perform automatically?

- A. Encrypt data that is stored in Amazon DynamoDB.
- B. Patch Amazon EC2 instances.
- C. Encrypt user network traffic.
- D. Create TLS certificates for users' websites.

Correct Answer: A

Community vote distribution

A (56%)

B (41%)

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

- A. AWS Trusted Advisor
- B. Amazon CloudWatch
- C. Cost Explorer
- D. AWS Budgets

Correct Answer: C

Community vote distribution

C (100%)

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

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

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

Correct Answer: A

Reference:

<https://d1.awsstatic.com/whitepapers/hybrid-cloud-with-aws.pdf>

(18)

Community vote distribution

C (85%)

A (15%)

A company requires an isolated environment within AWS for security purposes.

Which action can be taken to accomplish this?

- A. Create a separate Availability Zone to host the resources.
- B. Create a separate VPC to host the resources.
- C. Create a placement group to host the resources.
- D. Create an AWS Direct Connect connection between the company and AWS.

Correct Answer: B

Reference:

<https://docs.aws.amazon.com/AWSEC2/latest/WindowsGuide/infrastructure-security.html>

Network isolation

A virtual private cloud (VPC) is a virtual network in your own logically isolated area in the AWS Cloud. Use separate VPCs to isolate infrastructure by workload or organizational entity.

A subnet is a range of IP addresses in a VPC. When you launch an instance, you launch it into a subnet in your VPC. Use subnets to isolate the tiers of your application (for example, web, application, and database) within a single VPC. Use private subnets for your instances if they should not be accessed directly from the internet.

To call the Amazon EC2 API from your VPC without sending traffic over the public internet, use AWS PrivateLink.

Community vote distribution

B (90%)

10%

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

- A. Amazon VPC
- B. Amazon CloudFront
- C. Amazon Route 53
- D. Amazon Connect

Correct Answer: C

Reference:

<https://aws.amazon.com/route53/>

Community vote distribution

C (100%)

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

- A. Keep the root user password with the security team.
- B. Enable multi-factor authentication (MFA) for the root user.
- C. Create an access key for the root user.
- D. Keep the root user password consistent for compliance purposes.

Correct Answer: B

Reference:

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

Community vote distribution

B (83%)

C (17%)

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

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

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

Correct Answer: B

Reference:

<https://docs.aws.amazon.com/systems-manager/latest/userguide/session-manager.html>

Community vote distribution

B (100%)

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

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

Correct Answer: D

Reference:

<https://aws.amazon.com/ec2/pricing/reserved-instances/pricing/>

Community vote distribution

D (100%)

A company has refined its workload to use specific AWS services to improve efficiency and reduce cost.

Which best practice for cost governance does this example show?

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

Correct Answer: B

Reference:

<https://d1.awsstatic.com/whitepapers/architecture/AWS-Cost-Optimization-Pillar.pdf>

Community vote distribution

C (78%) B (22%)

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

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

- A. Amazon RDS
- B. Amazon EC2
- C. Amazon DynamoDB
- D. Amazon Aurora

Correct Answer: A

Reference:

[https://d1.awsstatic.com/whitepapers/best-practices-for-running-oracle-database-on-aws.pdf?did=wp_card&trk=wp_card\(6\)](https://d1.awsstatic.com/whitepapers/best-practices-for-running-oracle-database-on-aws.pdf?did=wp_card&trk=wp_card(6))

Community vote distribution

B (95%) 5%

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

- A. The AWS infrastructure is made up of multiple AWS Regions within various Availability Zones located in areas that have low flood risk, and are interconnected with low-latency networks and redundant power supplies.
- B. The AWS infrastructure consists of subnets containing various Availability Zones with multiple data centers located in the same geographic location.
- C. AWS allows users to choose AWS Regions and data centers so that users can select the closest data centers in different Regions.
- D. The AWS infrastructure consists of isolated AWS Regions with independent Availability Zones that are connected with low-latency networking and redundant power supplies.

Correct Answer: D

Community vote distribution

D (100%)

A company is using Amazon EC2 Auto Scaling to scale its Amazon EC2 instances.

Which benefit of the AWS Cloud does this example illustrate?

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

Correct Answer: A

Community vote distribution

B (77%) A (19%) 4%

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

- A. Amazon Simple Notification Service (Amazon SNS)
- B. Amazon Simple Email Service (Amazon SES)
- C. Amazon CloudWatch alerts
- D. Amazon Simple Queue Service (Amazon SQS)

Correct Answer: D

Reference:

[https://aws.amazon.com/getting-started/hands-on/send-messages-distributed-applications/#:~:text=Send%20Messages%20Between%20Distributed%20Applications%20with%20Amazon%20Simple%20Queue%20Service%20\(SQS\)](https://aws.amazon.com/getting-started/hands-on/send-messages-distributed-applications/#:~:text=Send%20Messages%20Between%20Distributed%20Applications%20with%20Amazon%20Simple%20Queue%20Service%20(SQS))

Community vote distribution

A (79%) D (21%)

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

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

Correct Answer: D

Reference:

<https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/consolidated-billing.html>

Community vote distribution

D (100%)

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

- A. Maintaining the infrastructure needed to run AWS Lambda
- B. Updating the operating system of Amazon DynamoDB instances
- C. Maintaining Amazon S3 infrastructure
- D. Updating the guest operating system on Amazon EC2 instances

Correct Answer: D

Reference:

<https://aws.amazon.com/compliance/shared-responsibility-model/#:~:text=Customers%20are%20responsible%20for%20managing,also%20extends%20to%20IT%20controls>

Community vote distribution

D (100%)

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

Which AWS service supports this use case?

- A. Amazon EC2
- B. Amazon Lightsail
- C. Amazon S3
- D. AWS Lambda

Correct Answer: C

Community vote distribution

B (82%)

C (18%)

A company is moving multiple applications to a single AWS account. The company wants to monitor the AWS Cloud costs incurred by each application.

What can the company do to meet this requirement?

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

Correct Answer: C

Community vote distribution

D (88%)	13%
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Which design principle is achieved by following the reliability pillar of the AWS Well-Architected Framework?

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

Correct Answer: C

Reference:

<https://aws.amazon.com/blogs/apn/the-5-pillars-of-the-aws-well-architected-framework/>

Community vote distribution

C (100%)

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

Which AWS service can be used to accomplish this?

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

Correct Answer: B

Reference:

<https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/SQLtoNoSQL.html>

Community vote distribution

B (100%)

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

- A. Creating the database table
- B. Updating the database schema
- C. Installing the database engine
- D. Dropping the database records

Correct Answer: C

Community vote distribution

C (100%)

A development team wants to publish and manage web services that provide REST APIs.

Which AWS service will meet this requirement?

- A. AWS App Mesh
- B. Amazon API Gateway
- C. Amazon CloudFront
- D. AWS Cloud Map

Correct Answer: B

Community vote distribution

B (100%)

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

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

- A. Amazon SageMaker
- B. Amazon Textract
- C. Amazon Rekognition
- D. Amazon Comprehend

Correct Answer: D

Community vote distribution

C (100%)

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

- A. Database backups
- B. Database software patches
- C. Operating system patches
- D. Operating system installations.

Correct Answer: D

Community vote distribution

D (86%)	10%
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A company wants to use Amazon S3 to store its legacy data. The data is rarely accessed. However, the data is critical and cannot be recreated.

The data needs to be available for retrieval within seconds.

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

- A. S3 Standard
- B. S3 One Zone-Infrequent Access (S3 One Zone-IA)
- C. S3 Standard-Infrequent Access (S3 Standard-IA)
- D. S3 Glacier

Correct Answer: A

Community vote distribution

C (70%)	B (18%)	9%
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An online retail company wants to migrate its on-premises workload to AWS. The company needs to automatically handle a seasonal workload increase in a cost-effective manner.

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

- A. Cross-Region workload deployment
- B. Pay-as-you-go pricing
- C. Built-in AWS CloudTrail audit capabilities
- D. Auto Scaling policies
- E. Centralized logging

Correct Answer: BD

Community vote distribution

BD (100%)

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

- A. Elastic Load Balancing
- B. Amazon Simple Notification Service (Amazon SNS)
- C. Amazon CloudFront
- D. Amazon Simple Queue Service (Amazon SQS)

Correct Answer: D

Community vote distribution

D (100%)

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

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

- A. AWS Audit Manager
- B. AWS Shield
- C. AWS Compliance Program
- D. AWS Artifact

Correct Answer: C

Community vote distribution

C (82%)

D (18%)

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

Which AWS service will meet this requirement?

- A. Amazon Cognito
- B. AWS Security Hub
- C. AWS Shield
- D. AWS WAF

Correct Answer: A

Community vote distribution

A (100%)

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

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

- A. Standard Reserved Instance
- B. Convertible Reserved Instance
- C. On-Demand Instance
- D. Spot Instance

Correct Answer: A

Community vote distribution

A (79%) B (21%)

A company has multiple applications and is now building a new multi-tier application. The company will host the new application on Amazon EC2 instances. The company wants the network routing and traffic between the various applications to follow the security principle of least privilege. Which AWS service or feature should the company use to enforce this principle?

- A. Security groups
- B. AWS Shield
- C. AWS Global Accelerator
- D. AWS Direct Connect gateway

Correct Answer: A

Community vote distribution

A (100%)

A company's web application requires AWS credentials and authorizations to use an AWS service.

Which IAM entity should the company use as best practice?

- A. IAM role
- B. IAM user
- C. IAM group
- D. IAM multi-factor authentication (MFA)

Correct Answer: A

Community vote distribution

A (93%) 7%

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

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

- A. Amazon EC2 instances
- B. AWS Lambda functions
- C. AWS Fargate tasks
- D. Amazon RDS instances
- E. Amazon Elastic Container Service (Amazon ECS) instances

Correct Answer: AD

Community vote distribution

AE (47%)	AD (42%)	8%
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Which AWS service or feature gives a company the ability to control incoming traffic and outgoing traffic for Amazon EC2 instances?

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

Correct Answer: D

Community vote distribution

A (100%)

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

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

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

Correct Answer: B

Community vote distribution

B (94%)	6%
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A company is migrating its public website to AWS. The company wants to host the domain name for the website on AWS.

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

- A. AWS Lambda
- B. Amazon Route 53
- C. Amazon CloudFront
- D. AWS Direct Connect

Correct Answer: B

Community vote distribution

B (100%)

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

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

- A. AWS Shield
- B. AWS WAF
- C. AWS Trusted Advisor
- D. AWS Service Catalog

Correct Answer: C

Community vote distribution

C (100%)

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

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

Correct Answer: D

Community vote distribution

D (100%)

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

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

Correct Answer: A

Community vote distribution

D (96%)	4%
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Which AWS service provides threat detection by monitoring for malicious activities and unauthorized actions to protect AWS accounts, workloads, and data that is stored in Amazon S3?

- A. AWS Shield
- B. AWS Firewall Manager
- C. Amazon GuardDuty
- D. Amazon Inspector

Correct Answer: C

Community vote distribution

C (100%)

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

- A. Amazon DynamoDB
- B. Amazon Kinesis Data Streams
- C. Amazon Elastic Container Registry (Amazon ECR)
- D. Amazon Elastic File System (Amazon EFS)

Correct Answer: C

Community vote distribution

C (100%)

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

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

- A. AWS Trusted Advisor
- B. Security groups
- C. Amazon Macie
- D. Amazon Inspector

Correct Answer: D

Community vote distribution

D (100%)

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

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

- A. Use Amazon EC2 in multiple Regions to host separate databases
- B. Use Amazon RDS cross-Region replication
- C. Use Amazon DynamoDB global tables
- D. Use AWS Database Migration Service (AWS DMS)

Correct Answer: C

Community vote distribution

C (100%)

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

- A. Increased workforce productivity
- B. Decreased need to encrypt user data
- C. Manual compliance audits
- D. Simplified total cost of ownership (TCO) accounting
- E. Faster product launches

Correct Answer: DE

Community vote distribution

AE (43%)

DE (37%)

AD (20%)

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

- A. Patch management controls
- B. Awareness and training controls
- C. Physical and environmental controls
- D. Configuration management controls

Correct Answer: A

Community vote distribution

C (85%) D (15%)

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

- A. Management of the guest operating systems
- B. Maintenance of the configuration of infrastructure devices
- C. Management of the host operating systems and virtualization
- D. Maintenance of the software that powers Availability Zones

Correct Answer: A

Community vote distribution

A (100%)

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

Which AWS Cloud concept does this requirement represent?

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

Correct Answer: C

Community vote distribution

C (100%)

A company wants to increase its ability to recover its infrastructure in the case of a natural disaster.

Which pillar of the AWS Well-Architected Framework does this ability represent?

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

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service tracks API calls and user activity?

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

Correct Answer: D

Community vote distribution

D (100%)

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

- A. Amazon Lookout for Metrics
- B. AWS Budgets
- C. Amazon CloudWatch
- D. AWS Cost Anomaly Detection

Correct Answer: D

Community vote distribution

D (100%)

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

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

- A. Auto Scaling groups
- B. AWS Global Accelerator
- C. Amazon Route 53
- D. An Elastic IP address

Correct Answer: C

Community vote distribution

A (97%)

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

Where can the company purchase the security solution?

- A. AWS Partner Solutions Finder
- B. AWS Support Center
- C. AWS Management Console
- D. AWS Marketplace

Correct Answer: D

Community vote distribution

D (100%)

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

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

- A. AWS Backup
- B. AWS DataSync
- C. AWS Direct Connect
- D. AWS Snowball

Correct Answer: B

Community vote distribution

C (75%)

B (24%)

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

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

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

Correct Answer: D

Community vote distribution

C (97%)

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

- A. Amazon Athena
- B. AWS Glue
- C. Amazon S3
- D. AWS Snowball Edge

Correct Answer: B

Community vote distribution

B (100%)

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

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

Correct Answer: AC

Community vote distribution

AC (69%)

AD (19%)

13%

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

- A. Resource configuration management
- B. Network data integrity
- C. Employee awareness and training
- D. Physical and environmental security
- E. Replacement and disposal of disk drives

Correct Answer: AC

Community vote distribution

AC (100%)

What information is found on an AWS Identity and Access Management (IAM) credential report? (Choose two.)

- A. The date and time when an IAM user's password was last used to sign in to the AWS Management Console.
- B. The type of multi-factor authentication (MFA) device assigned to an IAM user.
- C. The User-Agent browser identifier for each IAM user currently logged in.
- D. Whether multi-factor authentication (MFA) has been enabled for an IAM user.
- E. The number of incorrect login attempts by each IAM user in the previous 30 days.

Correct Answer: AC

Community vote distribution

AD (96%)

4%

What is the LEAST expensive AWS Support plan that contains a full set of AWS Trusted Advisor best practice checks?

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

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service provides domain registration, DNS routing, and service health checks?

- A. AWS Direct Connect
- B. Amazon Route 53
- C. Amazon CloudFront
- D. Amazon API Gateway

Correct Answer: B

Community vote distribution

B (100%)

A bank needs to store recordings of calls made to its contact center for 6 years. The recordings must be accessible within 48 hours from the time they are requested.

Which AWS service will provide a secure and cost-effective solution for retaining these files?

- A. Amazon DynamoDB
- B. Amazon S3 Glacier
- C. Amazon Connect
- D. Amazon ElastiCache

Correct Answer: C

Community vote distribution

B (88%)

12%

Which AWS service should be used to migrate a company's on-premises MySQL database 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)

Correct Answer: C

Community vote distribution

C (100%)

Which benefits does a company gain when the company moves from on-premises IT architecture to the AWS Cloud? (Choose two.)

- A. Reduced or eliminated tasks for hardware troubleshooting, capacity planning, and procurement
- B. Elimination of the need for trained IT staff
- C. Automatic security configuration of all applications that are migrated to the cloud
- D. Elimination of the need for disaster recovery planning
- E. Faster deployment of new features and applications

Correct Answer: AE

Community vote distribution

AE (100%)

Which of the following is a benefit of decoupling an AWS Cloud architecture?

- A. Reduced latency
- B. Ability to upgrade components independently
- C. Decreased costs
- D. Fewer components to manage

Correct Answer: B

Community vote distribution

B (100%)

Which task is the responsibility of the customer according to the AWS shared responsibility model?

- A. Maintain the security of the hardware that runs Amazon EC2 instances.
- B. Patch the guest operating system of Amazon EC2 instances.
- C. Protect the security of the AWS global infrastructure.
- D. Patch Amazon RDS software.

Correct Answer: B

Community vote distribution

B (100%)

Which AWS Organizations feature can be used to track charges across multiple accounts and report the combined cost?

- A. Service control policies (SCPs)
- B. Cost Explorer
- C. Consolidated billing
- D. AWS Identity and Access Management (IAM)

Correct Answer: C

Community vote distribution

C (100%)

Which of the following is a cloud benefit that AWS offers to its users?

- A. The ability to configure AWS data center hypervisors
- B. The ability to purchase hardware in advance of increased traffic
- C. The ability to deploy to AWS on a global scale
- D. Compliance audits for user IT environments

Correct Answer: C

Community vote distribution

C (100%)

An ecommerce company has migrated its IT infrastructure from an on-premises data center to the AWS Cloud.

Which cost is the company's direct responsibility?

- A. Cost of application software licenses
- B. Cost of the hardware infrastructure on AWS
- C. Cost of power for the AWS servers
- D. Cost of physical security for the AWS data center

Correct Answer: A

Community vote distribution

A (100%)

What are the five pillars of the AWS Well-Architected Framework?

- A. Encryption, documentation, speed, hybrid design, and cost optimization
- B. Containerization, cost margins, globalization, marketplace, and developer operations
- C. Network, compute, storage, security, and developer operations
- D. Operational excellence, reliability, performance efficiency, security, and cost optimization

Correct Answer: D

Community vote distribution

D (100%)

A company accepts enrollment applications on handwritten paper forms. The company uses a manual process to enter the form data into its backend systems.

The company wants to automate the process by scanning the forms and capturing the enrollment data from scanned PDF files.

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

- A. Amazon Rekognition
- B. Amazon Textract
- C. Amazon Transcribe
- D. Amazon Comprehend

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service should a company use to organize, characterize, and search large numbers of images?

- A. Amazon Transcribe
- B. Amazon Rekognition
- C. Amazon Aurora
- D. Amazon QuickSight

Correct Answer: B

Community vote distribution

B (100%)

An ecommerce company wants to use Amazon EC2 Auto Scaling to add and remove EC2 instances based on CPU utilization.

Which AWS service or feature can initiate an Amazon EC2 Auto Scaling action to achieve this goal?

- A. Amazon Simple Queue Service (Amazon SQS)
- B. Amazon Simple Notification Service (Amazon SNS)
- C. AWS Systems Manager
- D. Amazon CloudWatch alarm

Correct Answer: B

Community vote distribution

D (96%) 4%

A company wants to host a private version control system for its application code in the AWS Cloud.

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

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

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service or tool can a company set up to send notifications that a custom spending threshold has been reached or exceeded?

- A. AWS Budgets
- B. AWS Trusted Advisor
- C. AWS CloudTrail
- D. AWS Support

Correct Answer: A

Community vote distribution

A (100%)

Which AWS service is used to host static websites?

- A. Amazon S3
- B. Amazon Elastic Block Store (Amazon EBS)
- C. AWS CloudFormation
- D. Amazon Elastic File System (Amazon EFS)

Correct Answer: A

Community vote distribution

A (100%)

Which AWS service contains built-in engines to protect web applications that run in the cloud from SQL injection attacks and cross-site scripting?

- A. AWS WAF
- B. AWS Shield Advanced
- C. Amazon GuardDuty
- D. Amazon Detective

Correct Answer: A

Community vote distribution

A (94%)

6%

A company owns per-core software licenses.

Which Amazon EC2 instance purchasing option must the company use for this license type?

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

Correct Answer: A

Community vote distribution

B (86%)

14%

A company needs to set up user authentication for a new application. Users must be able to sign in directly with a user name and password, or through a third-party provider.

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

- A. AWS Single Sign-On
- B. AWS Signer
- C. Amazon Cognito
- D. AWS Directory Service

Correct Answer: C

Community vote distribution

C (93%) 7%

A company's IT team is managing MySQL database server clusters. The IT team has to patch the database and take backup snapshots of the data in the clusters.

The company wants to move this workload to AWS so that these tasks will be completed automatically.

What should the company do to meet these requirements?

- A. Deploy MySQL database server clusters on Amazon EC2 instances.
- B. Use Amazon RDS with a MySQL database.
- C. Use an AWS CloudFormation template to deploy MySQL database servers on Amazon EC2 instances.
- D. Migrate all the MySQL database data to Amazon S3.

Correct Answer: B

Community vote distribution

B (100%)

What is the primary use case for Amazon GuardDuty?

- A. Prevention of DDoS attacks
- B. Protection against SQL injection attacks
- C. Automatic monitoring for threats to AWS workloads
- D. Automatic provisioning of AWS resources

Correct Answer: C

Community vote distribution

C (100%)

Which statements explain the business value of migration to the AWS Cloud? (Choose two.)

- A. The migration of enterprise applications to the AWS Cloud makes these applications automatically available on mobile devices.
- B. AWS availability and security provide the ability to improve service level agreements (SLAs) while reducing risk and unplanned downtime.
- C. Companies that migrate to the AWS Cloud eliminate the need to plan for high availability and disaster recovery.
- D. Companies that migrate to the AWS Cloud reduce IT costs related to infrastructure, freeing budget for reinvestment in other areas.
- E. Applications are modernized because migration to the AWS Cloud requires companies to rearchitect and rewrite all enterprise applications.

Correct Answer: CD

Community vote distribution

BD (100%)

A company needs to identify personally identifiable information (PII), such as credit card numbers, from data that is stored in Amazon S3.

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

- A. Amazon Inspector
- B. AWS Shield
- C. Amazon GuardDuty
- D. Amazon Macie

Correct Answer: D

Reference:

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

Community vote distribution

D (100%)

Which AWS services or tools are designed to protect a workload from SQL injections, cross-site scripting, and DDoS attacks? (Choose two.)

- A. VPC endpoint
- B. Virtual private gateway
- C. AWS Shield Standard
- D. AWS Config
- E. AWS WAF

Correct Answer: C

Reference:

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

<https://aws.amazon.com/shield/?whats-new-cards.sort-by=item.additionalFields.postDateTime&whats-new-cards.sort-order=desc>

Community vote distribution

C (50%)

E (50%)

A company wants to forecast future costs and usage of AWS resources based on past consumption.

Which AWS service or tool will provide this forecast?

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

Correct Answer: D

Reference:

<https://docs.aws.amazon.com/cost-management/latest/userguide/ce-forecast.html>

Community vote distribution

D (95%) 5%

Which AWS services use cloud-native storage that provides replication across multiple Availability Zones by default? (Choose two.)

- A. Amazon ElastiCache
- B. Amazon RDS for Oracle
- C. Amazon Neptune
- D. Amazon DocumentDB (with MongoDB compatibility)
- E. Amazon Redshift

Correct Answer: CD

Reference:

<https://docs.aws.amazon.com/documentdb/latest/developerguide/replication.html>

<https://docs.aws.amazon.com/neptune/latest/userguide/feature-overview-storage.html>

Community vote distribution

CE (37%) CD (31%) BE (17%) Other

Which AWS services are serverless? (Choose two.)

- A. AWS Fargate
- B. Amazon Managed Streaming for Apache Kafka
- C. Amazon EMR
- D. Amazon S3
- E. Amazon EC2

Correct Answer: AD

Reference:

https://aws.amazon.com/serverless/?nc2=h_ql_prod_serv_s

Community vote distribution

AD (85%) AC (15%)

Which task is the responsibility of AWS, according to the AWS shared responsibility model?

- A. Apply guest operating system patches to Amazon EC2 instances.
- B. Provide monitoring of human resources information management (HRIM) systems.
- C. Perform automated backups of Amazon RDS instances.
- D. Optimize the costs of running AWS services.

Correct Answer: C

Reference:

<https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/UsingWithRDS.html>

Community vote distribution

C (100%)

A company needs to deploy a PostgreSQL database into Amazon RDS. The database must be highly available and fault tolerant.

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

- A. Amazon RDS with a single Availability Zone
- B. Amazon RDS snapshots
- C. Amazon RDS with multiple Availability Zones
- D. AWS Database Migration Service (AWS DMS)

Correct Answer: C

Reference:

<https://aws.amazon.com/rds/features/multi-az/>

Community vote distribution

C (100%)

A company wants to add facial identification to its user verification process on an application.

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

- A. Amazon Polly
- B. Amazon Transcribe
- C. Amazon Lex
- D. Amazon Rekognition

Correct Answer: D

Community vote distribution

D (100%)

A company wants the ability to quickly upload its applications to the AWS Cloud without needing to provision underlying resources.
Which AWS service will meet these requirements?

- A. AWS CloudFormation
- B. AWS Elastic Beanstalk
- C. AWS CodeDeploy
- D. AWS CodeCommit

Correct Answer: B

Reference:

<https://docs.aws.amazon.com/elasticbeanstalk/latest/dg>Welcome.html>

Community vote distribution

B (100%)

Which AWS service monitors CPU utilization on Amazon EC2 instances?

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

Correct Answer: D

Reference:

<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-cloudwatch.html>

Community vote distribution

D (100%)

A company needs to label its AWS resources so that the company can categorize and track costs.
What should the company do to meet this requirement?

- A. Use cost allocation tags.
- B. Use AWS Identity and Access Management (IAM).
- C. Use AWS Organizations.
- D. Use the AWS Cost Management coverage report.

Correct Answer: A

Reference:

https://docs.aws.amazon.com/general/latest/gr/aws_tagging.html

Community vote distribution

A (100%)

A company wants its employees to have access to virtual desktop infrastructure to securely access company-provided desktops through the employees' personal devices.

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

- A. Amazon AppStream 2.0
- B. AWS AppSync
- C. Amazon FSx for Windows File Server
- D. Amazon WorkSpaces

Correct Answer: D

Reference:

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

Community vote distribution

D (87%) 13%

Which task can a company complete by using AWS Organizations?

- A. Track application deployment statuses globally.
- B. Remove unused and underutilized AWS resources across all accounts.
- C. Activate DDoS protection across all accounts.
- D. Share pre-purchased Amazon EC2 resources across accounts.

Correct Answer: D

Reference:

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

<https://docs.aws.amazon.com/ram/latest/userguide/shareable.html>

Community vote distribution

D (68%) B (32%)

A user has been granted permission to change their own IAM user password.

Which AWS services can the user use to change the password? (Choose two.)

- A. AWS Command Line Interface (AWS CLI)
- B. AWS Key Management Service (AWS KMS)
- C. AWS Management Console
- D. AWS Resource Access Manager (AWS RAM)
- E. AWS Secrets Manager

Correct Answer: AC

Reference:

https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_passwords_user-change-own.html

Community vote distribution

AC (100%)

A company needs to run an application on Amazon EC2 instances. The instances cannot be interrupted at any time. The company needs an instance purchasing option that requires no long-term commitment or upfront payment.

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

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

Correct Answer: A

Reference:

<https://aws.amazon.com/ec2/pricing/>

Community vote distribution

A (78%)

D (22%)

A company uses Amazon EC2 instances to run its web application. The company uses On-Demand Instances and Spot Instances. The company needs to visualize its monthly spending on both types of instances. Which AWS service or feature will meet this requirement?

- A. AWS Cost Explorer
- B. AWS Budgets
- C. Amazon CloudWatch
- D. AWS Cost Categories

Correct Answer: A

Reference:

<https://aws.amazon.com/aws-cost-management/aws-cost-explorer/>

Community vote distribution

A (100%)

Which task can a user complete by using AWS Identity and Access Management (IAM)?

- A. Validate JSON syntax from an application configuration file.
- B. Analyze logs from an Amazon API Gateway call.
- C. Filter traffic to or from an Amazon EC2 instance.
- D. Grant permissions to applications that run on Amazon EC2 instances.

Correct Answer: D

Reference:

<https://aws.amazon.com/iam/#:~:text=With%20AWS%20Identity%20and%20Access,to%20refine%20permissions%20across%20AWS>

Community vote distribution

D (100%)

A company needs to generate reports for business intelligence and operational analytics on petabytes of semistructured and structured data. These reports are produced from standard SQL queries on data that is in an Amazon S3 data lake. Which AWS service provides the ability to analyze this data?

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

Correct Answer: D

Reference:

<https://aws.amazon.com/data-warehouse/>

Community vote distribution

D (100%)

A system automatically recovers from failure when a company launches its workload on the AWS Cloud services platform.

Which pillar of the AWS Well-Architected Framework does this situation demonstrate?

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

Correct Answer: D

Reference:

<https://wa.aws.amazon.com/wellarchitected/2020-07-02T19-33-23/wat.pillar.reliability.en.html>

Community vote distribution

D (100%)

Which of the following describes 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

Correct Answer: C

Reference:

<https://aws.amazon.com/about-aws/global-infrastructure/localzones/faqs/>

Community vote distribution

C (100%)

A retail company is migrating its IT infrastructure applications from on premises to the AWS Cloud.

Which costs will the company eliminate with this migration? (Choose two.)

- A. Cost of data center operations
- B. Cost of application licensing
- C. Cost of marketing campaigns
- D. Cost of physical server hardware
- E. Cost of network management

Correct Answer: AD

Reference:

<https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html>

Community vote distribution

AD (75%)

DE (25%)

What is a benefit of moving to the AWS Cloud in terms of improving time to market?

- A. Decreased deployment speed
- B. Increased application security
- C. Increased business agility
- D. Increased backup capabilities

Correct Answer: C

Reference:

<https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html>

Community vote distribution

C (100%)

Which of the following are characteristics of a serverless application that runs in the AWS Cloud? (Choose two.)

- A. Users must manually configure Amazon EC2 instances.
- B. Users have a choice of operating systems.
- C. The application has built-in fault tolerance.
- D. Users can run Amazon EC2 Spot Instances.
- E. The application can scale based on demand.

Correct Answer: CE

Reference:

<https://aws.amazon.com/serverless/#:~:text=Serverless%20on%20AWS&text=AWS%20offers%20technologies%20for%20running,increase%20availability%20and%20optimize%20costs>

Community vote distribution

CE (100%)

A company has existing software licenses that it wants to bring to AWS, but the licensing model requires licensing physical cores.

How can the company meet this requirement 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.

Correct Answer: B

Reference:

<https://aws.amazon.com/ec2/dedicated-hosts/>

Community vote distribution

B (100%)

A company has a complex AWS architecture. The company needs assistance from a dedicated technical professional who can suggest strategies regarding incidents, trade-offs, support, and risk management.

Which AWS Support plan will provide the required support?

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

Correct Answer: A

Reference:

<https://aws.amazon.com/premiumsupport/plans/>

Community vote distribution

B (89%)	11%
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Which of the following is an advantage that the AWS Cloud provides to users?

- A. Users eliminate the need to guess about infrastructure capacity requirements.
- B. Users decrease their variable costs by maintaining sole ownership of IT hardware.
- C. Users maintain control of underlying IT infrastructure hardware.
- D. Users maintain control of operating systems for managed services.

Correct Answer: A

Reference:

<https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html>

Community vote distribution

A (100%)

Which AWS services can use AWS WAF to protect against common web exploitations? (Choose two.)

- A. Amazon Route 53
- B. Amazon CloudFront
- C. AWS Transfer Family
- D. AWS Site-to-Site VPN
- E. Amazon API Gateway

Correct Answer: BE

Reference:

<https://aws.amazon.com/waf/faqs/#:~:text=AWS%20WAF%20can%20be%20deployed,content%20at%20the%20Edge%20locations>

Community vote distribution

BE (100%)

Which controls are shared under the AWS shared responsibility model? (Choose 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

Correct Answer: AC

Reference:

<https://aws.amazon.com/compliance/shared-responsibility-model/>

Community vote distribution

AC (83%) AE (17%)

A company manages global applications that require static IP addresses.

Which AWS service would enable the company to improve the availability and performance of its applications?

- A. Amazon CloudFront
- B. AWS Global Accelerator
- C. Amazon S3 Transfer Acceleration
- D. Amazon API Gateway

Correct Answer: B

Reference:

<https://aws.amazon.com/global-accelerator/faqs/#:~:text=A%3A%20AWS%20Global%20Accelerator%20provides,AWS%20Regions%2C%20to%20improve%20redundancy>

Community vote distribution

B (100%)

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

- A. Amazon Lightsail
- B. AWS Systems Manager
- C. AWS CloudFormation
- D. AWS Batch
- E. Amazon Inspector

Correct Answer: AD

Reference:

<https://aws.amazon.com/products/compute/>

Community vote distribution

AD (100%)

A company needs to report on events that involve the specific AWS services that the company uses.

Which AWS service or resource can the company use with Amazon CloudWatch to meet this requirement?

- A. Amazon Inspector
- B. AWS Personal Health Dashboard
- C. AWS Trusted Advisor
- D. AWS CloudTrail logs

Correct Answer: D

Reference:

<https://docs.aws.amazon.com/awscloudtrail/latest/userguide/cloudtrail-log-file-examples.html>

Community vote distribution

D (89%) 11%

A company with AWS Enterprise Support needs help understanding its monthly AWS bill and wants to implement billing best practices.

Which AWS tool or resource is available to accomplish these goals?

- A. Resource tagging
- B. AWS Concierge Support team
- C. AWS Abuse team
- D. AWS Support

Correct Answer: B

Reference:

<https://aws.amazon.com/premiumsupport/plans/enterprise/>

Community vote distribution

B (100%)

Which of the following is an AWS key-value database offering consistent single-digit millisecond performance at any scale?

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

Correct Answer: C

Reference:

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

Community vote distribution

C (100%)

A company is developing a new Node.js application. The application must have a scalable NoSQL database to meet increasing demand as the popularity of the application grows.

Which AWS service will meet the requirements for the database?

- A. Amazon Aurora Serverless
- B. Amazon ElastiCache
- C. Amazon DynamoDB
- D. Amazon Redshift

Correct Answer: C

Reference:

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

Community vote distribution

C (100%)

A company wants to set up an entire development and continuous delivery toolchain for coding, building, testing, and deploying code.

Which AWS service will meet these requirements?

- A. Amazon CodeGuru
- B. AWS CodeStar
- C. AWS CodeCommit
- D. AWS CodeDeploy

Correct Answer: B

Community vote distribution

B (100%)

Which service enables customers to audit API calls in their AWS accounts?

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

Correct Answer: A

Reference:

<https://docs.aws.amazon.com/audit-manager/latest/userguide/logging-using-cloudtrail.html>

Community vote distribution

A (83%)

D (17%)

A company is moving its office and must establish an encrypted connection to AWS.

Which AWS service will help meet this requirement?

- A. AWS VPN
- B. Amazon Route 53
- C. Amazon API Gateway
- D. Amazon Connect

Correct Answer: A

Reference:

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

Community vote distribution

A (100%)

A company needs steady and predictable performance from its Amazon EC2 instances at the lowest possible cost. The company also needs the ability to scale resources to ensure that it has the right resources available at the right time.

Which AWS service or resource will meet these requirements?

- A. Amazon CloudWatch
- B. Application Load Balancer
- C. AWS Batch
- D. Amazon EC2 Auto Scaling

Correct Answer: D

Reference:

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

Community vote distribution

D (100%)

Which action will provide documentation to help a company evaluate whether its use of the AWS Cloud is compliant with local regulatory standards?

- A. Running Amazon GuardDuty
- B. Using AWS Artifact
- C. Creating an AWS Support ticket
- D. Evaluating AWS CloudTrail logs

Correct Answer: B

Reference:

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

Community vote distribution

B (100%)

A company wants a cost-effective option when running its applications in an Amazon EC2 instance for short time periods. The applications can be interrupted.

Which EC2 instance type will meet these requirements?

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

Correct Answer: A

Reference:

<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/instance-purchasing-options.html>

Community vote distribution

A (100%)

A retail company is building a new mobile app. The company is evaluating whether to build the app at an on-premises data center or in the AWS Cloud.

Which of the following are benefits of building this app in the AWS Cloud? (Choose 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

Correct Answer: BD

Reference:

<https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html>

Community vote distribution

BD (65%)

DE (35%)

A developer is working on enhancing applications at AWS. The developer needs a service that can securely host GitHub-based code, repositories, and version controls.

Which AWS service should the developer use?

- A. AWS CodeStar
- B. Amazon CodeGuru
- C. AWS CodeCommit
- D. AWS CodePipeline

Correct Answer: C

Reference:

<https://docs.aws.amazon.com/codecommit/latest/userguide/welcome.html>

Community vote distribution

C (100%)

What is an AWS Region?

- A. A broad set of global, cloud-based products that include compute, storage, and databases
- B. A physical location around the world where data centers are clustered
- C. One or more discrete data centers with redundant power, networking, and connectivity
- D. A service that developers use to build applications that deliver latencies of single-digit milliseconds to users

Correct Answer: B

Reference:

https://aws.amazon.com/about-aws/global-infrastructure/regions_az/

Community vote distribution

B (100%)

Which AWS benefit enables users to deploy cloud infrastructure that consists of multiple geographic regions connected by a network with low latency, high throughput, and redundancy?

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

Correct Answer: D

Reference:

<https://docs.aws.amazon.com/whitepapers/latest/aws-overview/global-infrastructure.html>

Community vote distribution

D (100%)

A company is considering a migration from on premises to the AWS Cloud. The company's IT team needs to offload support of the workload. What should the IT team do to accomplish this goal?

- A. Use AWS Managed Services to provision, run, and support the company infrastructure.
- B. Build hardware refreshes into the operational calendar to ensure availability.
- C. Use Amazon Elastic Container Service (Amazon ECS) on Amazon EC2 instances.
- D. Overprovision compute capacity for seasonal events and traffic spikes to prevent downtime.

Correct Answer: A

Reference:

<https://docs.aws.amazon.com/managedservices/latest/userguide/what-is-ams.html>

Community vote distribution

A (100%)

What is a benefit of using AWS serverless computing?

- A. Application deployment and management are not required.
- B. Application security will be fully managed by AWS.
- C. Monitoring and logging are not needed.
- D. Management of infrastructure is offloaded to AWS.

Correct Answer: D

Reference:

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

Community vote distribution

D (100%)

A company plans to launch an application that will run in multiple locations within the United States. The company needs to identify the two AWS Regions where the application can operate at the lowest price.

Which AWS service or feature should the company use to determine the Regions that offer the lowest price?

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

Correct Answer: D

The other three options help with post deployment in AWS cloud.

Reference:

<https://calculator.aws/#/>

Community vote distribution

D (100%)

Which approach will enhance a user's security on AWS?

- A. Use Multi-AZ deployments with Amazon RDS.
- B. Create a hybrid architecture by using AWS Direct Connect.
- C. Monitor application-specific information with AWS X-Ray.
- D. Encrypt data by using AWS Key Management Service (AWS KMS).

Correct Answer: D

Reference:

<https://aws.amazon.com/kms/features/>

Community vote distribution

D (100%)

Which AWS service or tool is associated with an Amazon EC2 instance and acts as a virtual firewall to control inbound and outbound traffic?

- A. AWS WAF
- B. AWS Shield
- C. Network access control list (ACL)
- D. Security group

Correct Answer: D

Reference:

<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ec2-security-groups.html>

Community vote distribution

D (100%)

A company wants to migrate its on-premises Microsoft SQL Server database server to the AWS Cloud. The company has decided to use Amazon EC2 instances to run this database.

Which of the following is the company responsible for managing, according to the AWS shared responsibility model?

- A. EC2 hypervisor
- B. Security patching of the guest operating system
- C. Network connectivity of the host server
- D. Uptime service level agreement (SLA) for the EC2 instances

Correct Answer: B

Reference:

<https://aws.amazon.com/compliance/shared-responsibility-model/>

Community vote distribution

B (100%)

A developer wants to deploy an application on a container-based service. The service must automatically provision and manage the backend instances. The service must provision only the necessary resources.

Which AWS service will meet these requirements?

- A. Amazon EC2
- B. Amazon Lightsail
- C. Amazon Elastic Kubernetes Service (Amazon EKS)
- D. AWS Fargate

Correct Answer: D

Reference:

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

Community vote distribution

D (68%) C (32%)

Which tasks require use of the AWS account root user? (Choose 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

Correct Answer: AE

Reference:

<https://docs.aws.amazon.com/general/latest/gr/root-vs-iam.html>

Community vote distribution

AE (100%)

Which AWS service enables the decoupling and scaling of applications?

- A. Amazon Simple Queue Service (Amazon SQS)
- B. AWS Outposts
- C. Amazon S3
- D. Amazon Simple Email Service (Amazon SES)

Correct Answer: A

Reference:

[https://aws.amazon.com/sqs/#:~:text=Amazon%20Simple%20Queue%20Service%20\(SQS,distributed%20systems%2C%20and%20serverless%20applications](https://aws.amazon.com/sqs/#:~:text=Amazon%20Simple%20Queue%20Service%20(SQS,distributed%20systems%2C%20and%20serverless%20applications)

Community vote distribution

A (100%)

Which of the following describes some of the core functionality of Amazon S3?

- A. Amazon S3 is a high-performance block storage service that is designed for use with Amazon EC2.
- B. Amazon S3 is an object storage service that provides high-level performance, security, scalability, and data availability.
- C. Amazon S3 is a fully managed, highly reliable, and scalable file storage system that is accessible over the industry-standard SMB protocol.
- D. Amazon S3 is a scalable, fully managed elastic NFS for use with AWS Cloud services and on-premises resources.

Correct Answer: A

Community vote distribution

B (100%)

How does consolidated billing help reduce costs for a company that has multiple 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.

Correct Answer: A

Reference:

<https://aws.amazon.com/about-aws/whats-new/2010/02/09/announcing-consolidated-billing-for-aws-accounts/#:~:text=Consolidated%20Billing%20enables%20you%20to,associated%20with%20your%20paying%20account>

Community vote distribution

A (100%)

A company wants to secure its consumer web application by using SSL/TLS to encrypt traffic.

Which AWS service can the company use to meet this goal?

- A. AWS WAF
- B. AWS Shield
- C. Amazon VPC
- D. AWS Certificate Manager (ACM)

Correct Answer: D

Reference:

<https://aws.amazon.com/certificate-manager/>

Community vote distribution

D (76%)

A (24%)

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

- A. Users can implement all AWS services in seconds.
- B. AWS assumes all responsibility for the security of infrastructure and applications.
- C. Users experience increased speed and agility.
- D. Users benefit from massive economies of scale.
- E. Users can move hardware from their data center to the AWS Cloud.

Correct Answer: CD

Reference:

<https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html>

Community vote distribution

CD (100%)

A company stores configuration files in an Amazon S3 bucket. These configuration files must be accessed by applications that are running on Amazon EC2 instances.

According to AWS security best practices, how should the company grant permissions to allow the applications for access the S3 bucket?

- A. Use the AWS account root user access keys.
- B. Use the AWS access key ID and the EC2 secret access key.
- C. Use an IAM role with the necessary permissions.
- D. Activate multi-factor authentication (MFA) and versioning on the S3 bucket.

Correct Answer: C

Reference:

https://docs.aws.amazon.com/IAM/latest/UserGuide/id_roles_use_switch-role-ec2.html

Community vote distribution

C (100%)

A company needs an AWS service that will continuously monitor the company's AWS account for suspicious activity. The service must have the ability to initiate automated actions against threats that are identified in the security findings.
Which service will meet these requirements?

- A. AWS Trusted Advisor
- B. Amazon Detective
- C. Amazon Inspector
- D. Amazon GuardDuty

Correct Answer: D

Reference:

<https://aws.amazon.com/guardduty/faqs/>

Community vote distribution

D (100%)

A company wants to analyze streaming user data and respond to customer queries in real time.
Which AWS service can meet these requirements?

- A. Amazon QuickSight
- B. Amazon Redshift
- C. Amazon Kinesis Data Analytics
- D. AWS Data Pipeline

Correct Answer: C

Reference:

<https://aws.amazon.com/kinesis/data-analytics/>

Community vote distribution

C (100%)

Who can create and manage access keys for an AWS account root user?

- A. The AWS account owner
- B. An IAM user that has administrator permissions
- C. IAM users within a designated group
- D. An IAM user that has the required role

Correct Answer: A

Reference:

https://docs.aws.amazon.com/IAM/latest/UserGuide/id_root-user.html

Community vote distribution

A (100%)

Which AWS service can help a company detect an outage of its website servers and redirect users to alternate servers?

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

Correct Answer: C

Reference:

<https://aws.amazon.com/about-aws/whats-new/2013/02/11/announcing-dns-failover-for-route-53/>

Community vote distribution

C (100%)

A web application is hosted on AWS using an Elastic Load Balancer, multiple Amazon EC2 instances, and Amazon RDS.

Which security measures fall under the responsibility of AWS? (Choose 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

Correct Answer: BC

Reference:

<https://docs.aws.amazon.com/acm/latest/userguide/data-protection.html> <https://aws.amazon.com/compliance/shared-responsibility-model/>

Community vote distribution

BC (100%)

Which of the following is an AWS Well-Architected Framework design principle for operational excellence in the AWS Cloud?

- A. Go global in minutes.
- B. Make frequent, small, reversible changes.
- C. Implement a strong foundation of identity and access management.
- D. Stop spending money on hardware infrastructure for data center operations.

Correct Answer: B

Reference:

<https://aws.amazon.com/architecture/well-architected/>

Community vote distribution

B (100%)

Which AWS service provides intelligent recommendations to improve code quality and identify an application's most expensive lines of code?

- A. Amazon CodeGuru
- B. AWS CodeStar
- C. AWS CodeCommit
- D. AWS CodeDeploy

Correct Answer: A

Reference:

<https://aws.amazon.com/codeguru/#:~:text=Amazon%20CodeGuru%20is%20a%20developer,most%20expensive%20lines%20of%20code>

Community vote distribution

A (100%)

A company wants to expand from one AWS Region into a second AWS Region.

What does the company need to do to expand into the second Region?

- A. Contact an AWS account manager to sign a new contract.
- B. Move an Availability Zone to the second Region.
- C. Begin to deploy resources in the second Region.
- D. Download the AWS Management Console for the second Region.

Correct Answer: C

Reference:

<https://docs.aws.amazon.com/emr/latest/ManagementGuide/emr-plan-region.html>

Community vote distribution

C (100%)

Which AWS service provides storage that can be mounted across multiple Amazon EC2 instances?

- A. Amazon WorkSpaces
- B. Amazon Elastic File System (Amazon EFS)
- C. AWS Database Migration Service (AWS DMS)
- D. AWS Snowball Edge

Correct Answer: B

Reference:

<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/Storage.html>

Community vote distribution

B (100%)

A company needs to deploy applications in the AWS Cloud as quickly as possible. The company also needs to minimize the complexity that is related to the management of AWS resources.

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

- A. AWS Config
- B. AWS Elastic Beanstalk
- C. Amazon EC2
- D. Amazon Personalize

Correct Answer: B

Reference:

<https://docs.aws.amazon.com/elastic-beanstalk/index.html>

Community vote distribution

B (100%)

A company has a set of databases that are stored on premises. The company wants to bring its existing Microsoft SQL Server licenses when the company moves the databases to run on Amazon EC2 instances.

Which EC2 instance purchasing option should the company use to meet these requirements?

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

Correct Answer: A

Reference:

<https://aws.amazon.com/windows/resources/licensing/>

Community vote distribution

C (97%)

Which of the following is a way to use Amazon EC2 Auto Scaling groups to scale capacity in the AWS Cloud?

- A. Scale the number of EC2 instances in or out automatically, based on demand.
- B. Use serverless EC2 instances.
- C. Scale the size of EC2 instances up or down automatically, based on demand.
- D. Transfer unused CPU resources between EC2 instances.

Correct Answer: A

Reference:

<https://aws.amazon.com/ec2/autoscaling/faqs/>

Community vote distribution

A (83%)

C (17%)

A company discovered unauthorized access to resources in its on-premises data center. Upon investigation, the company found that the requests originated from a resource hosted on AWS.

Which AWS team should the company contact to report this issue?

- A. AWS Customer Service team
- B. AWS Sales team
- C. AWS Abuse team
- D. AWS Technical Support team

Correct Answer: C

Reference:

<https://aws.amazon.com/premiumsupport/knowledge-center/report-aws-abuse/>

Community vote distribution

C (100%)

Which of the following are aspects of the AWS shared responsibility model? (Choose two.)

- A. Configuration management of infrastructure devices is the customer's responsibility.
- B. For Amazon S3, AWS operates the infrastructure layer, the operating systems, and the platforms.
- C. AWS is responsible for protecting the physical cloud infrastructure.
- D. AWS is responsible for training the customer's employees on AWS products and services.
- E. For Amazon EC2, AWS is responsible for maintaining the guest operating system.

Correct Answer: BC

Reference:

<https://aws.amazon.com/compliance/shared-responsibility-model/#:~:text=AWS%20responsibility%20E2%80%9CSecurity%20of%20the,that%20run%20AWS%20Cloud%20services>

Community vote distribution

BC (100%)

A company needs real-time guidance to follow AWS best practices to save money, improve system performance, and close security gaps.

Which AWS service should the company use?

- A. Amazon GuardDuty
- B. AWS Trusted Advisor
- C. AWS Management Console
- D. AWS Systems Manager

Correct Answer: B

Community vote distribution

B (100%)

A company wants to organize its users so that the company can grant permissions to the users as a group.

Which AWS service or tool can the company use to meet this requirement?

- A. Security groups
- B. AWS Identity and Access Management (IAM)
- C. Resource groups
- D. AWS Security Hub

Correct Answer: B

Community vote distribution

B (88%)

13%

A company runs applications that process credit card information. Auditors have asked if the AWS environment has changed since the previous audit. If the AWS environment has changed, the auditors want to know how it has changed.

Which AWS services can provide this information? (Choose two.)

- A. AWS Artifact
- B. AWS Trusted Advisor
- C. AWS Config
- D. AWS CloudTrail
- E. AWS Identity and Access Management (IAM)

Correct Answer: CD

Community vote distribution

CD (100%)

A company wants to use a template to reliably provision, manage, and update its infrastructure in the AWS Cloud.

Which AWS service will meet these requirements?

- A. AWS Lambda
- B. AWS CloudFormation
- C. AWS Fargate
- D. AWS CodeDeploy

Correct Answer: B

Community vote distribution

B (100%)

A company is reviewing the current costs of running its own infrastructure on premises. The company wants to compare these on-premises costs to the costs of running infrastructure in the AWS Cloud.

How should the company make this comparison?

- A. Review the AWS shared responsibility model.
- B. Audit existing software and hardware licensing costs.
- C. Analyze the AWS Well-Architected Framework.
- D. Use Migration Evaluator.

Correct Answer: D

Community vote distribution

D (100%)

A company needs a low-code, visual workflow service that developers can use to build distributed applications.

Which AWS service is designed to meet these requirements?

- A. AWS Step Functions
- B. AWS Config
- C. AWS Lambda
- D. Amazon CloudWatch

Correct Answer: A

Community vote distribution

A (100%)

A company wants to accelerate migration from its data center to the AWS Cloud.

Which combination of AWS services should the company use to meet this requirement? (Choose two.)

- A. Amazon Connect
- B. AWS Direct Connect
- C. AWS Server Migration Service (AWS SMS)
- D. Amazon Route 53
- E. AWS Organizations

Correct Answer: BC

Community vote distribution

BC (100%)

What should a user do if the user loses an IAM secret access key?

- A. Retrieve the secret access key by using the IAM console.
- B. Create a new user with a new access key and a new secret access key.
- C. Rotate the secret access key.
- D. Request a new secret access key from AWS Support.

Correct Answer: B

Community vote distribution

C (83%)

B (17%)

A company wants to deploy a Docker application to the AWS Cloud. However, the company does not want to manage the underlying servers.

Which combination of AWS services should the company use to meet these requirements? (Choose two.)

- A. Amazon EC2
- B. Amazon EC2 Auto Scaling
- C. AWS Elastic Beanstalk
- D. Amazon CloudFront
- E. AWS Fargate

Correct Answer: CE

Community vote distribution

CE (100%)

A company needs to transfer 60 TB of data to the AWS Cloud in a secure manner.

Which of the following should the company use to meet these requirements?

- A. AWS Snowball Edge device
- B. Amazon Elastic Block Store (Amazon EBS)
- C. Amazon Elastic File System (Amazon EFS)
- D. Amazon S3

Correct Answer: A

Community vote distribution

A (100%)

A gaming company wants to move its on-premises environment to AWS. The company needs its resources to be highly available.

Which benefit does the AWS Cloud provide to meet this requirement?

- A. Reliability
- B. The AWS shared responsibility model
- C. Security
- D. Agility

Correct Answer: A

Community vote distribution

A (100%)

An ecommerce company has been monitoring usage of its online store that is hosted on a fleet of Amazon EC2 instances. Surges in traffic occur every weekend day at the same time and last for approximately 4 hours.

Which AWS service should the company use to ensure that there are enough instances to meet the surges in demand?

- A. AWS Lambda
- B. Amazon EventBridge (Amazon CloudWatch Events)
- C. Elastic Load Balancing (ELB)
- D. Amazon EC2 Auto Scaling

Correct Answer: D

Community vote distribution

D (100%)

A company needs stateless network filtering for its VPC.
Which AWS service, tool, or feature will meet this requirement?

- A. AWS PrivateLink
- B. Security group
- C. Network access control list (ACL)
- D. AWS WAF

Correct Answer: C

Community vote distribution

C (100%)

A company needs to audit its AWS resources. The company must document any changes that have been made to the resources.

Which AWS service will meet these requirements?

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

Correct Answer: B

Community vote distribution

B (100%)

A company needs fully managed, highly reliable, and scalable file storage that is accessible over the Server Message Block (SMB) protocol.

Which AWS service will meet these requirements?

- A. Amazon S3
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon FSx for Windows File Server
- D. Amazon Elastic Block Store (Amazon EBS)

Correct Answer: C

Community vote distribution

C (86%)

14%

Which AWS service should a company use to create a NoSQL database?

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

Correct Answer: B

Community vote distribution

B (100%)

A company is migrating to the AWS Cloud. The company requires consultative review and guidance for its applications during the migration. After the migration is complete, the company requires a response within 30 minutes if business-critical systems go down.

Which AWS Support plans meet these requirements? (Choose two.)

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

Correct Answer: AB

Community vote distribution

AB (100%)

A company needs an AWS Support plan that provides programmatic case management through the AWS Support API.

Which support plan will meet this requirement MOST cost-effectively?

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

Correct Answer: A

Community vote distribution

A (80%)

C (20%)

A company that operates in the AWS Cloud wants to test workloads and team responses to simulated events. The company will conduct an exercise to identify potential issues that need to be addressed.

Which design principle of the AWS Well-Architected Framework does this exercise represent?

- A. Anticipate failure.
- B. Automatically recover from failure.
- C. Measure overall cost efficiency.
- D. Implement loosely coupled dependencies.

Correct Answer: A

Community vote distribution

A (100%)

Which AWS services provide high availability across multiple Availability Zones by default? (Choose two.)

- A. Amazon EC2
- B. Amazon Elastic Block Store (Amazon EBS)
- C. Amazon Elastic File System (Amazon EFS)
- D. Amazon Redshift
- E. Amazon S3

Correct Answer: CE

Community vote distribution

CE (63%)

AE (32%)

5%

A company needs to perform queries and interactively search and analyze log data.

Which AWS service or feature will meet this requirement?

- A. Amazon EventBridge (Amazon CloudWatch Events)
- B. Amazon CloudWatch anomaly detection
- C. Amazon CloudWatch Logs Insights
- D. Amazon CloudWatch Logs streams

Correct Answer: C

Community vote distribution

C (100%)

A company has an on-premises Oracle database. The company spends a significant amount of time on database administration activities. The company is moving the database to AWS and needs to minimize the time that is required for those administration activities.

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

- A. Amazon ElastiCache
- B. Amazon EC2
- C. Amazon RDS
- D. Amazon DynamoDB

Correct Answer: D

Community vote distribution

C (95%) 5%

A company is running an Amazon EC2 instance in a VPC.

Which of the following can the company use to route and filter incoming network requests for the EC2 instance?

- A. Route tables and web application firewalls
- B. Security groups and route tables
- C. Security groups and a network intrusion system
- D. Route tables and AWS Shield

Correct Answer: B

Community vote distribution

B (100%)

A company plans to migrate its custom marketing application and order-processing application to AWS. The company needs to deploy the applications on different types of instances with various configurations of CPU, memory, storage, and networking capacity.

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

- A. AWS Lambda
- B. Amazon Cognito
- C. Amazon Athena
- D. Amazon EC2

Correct Answer: D

Community vote distribution

D (100%)

A company wants to set up a Domain Name System (DNS) record for its application with a failover routing policy that is based on health checks.

Which AWS service or resource should the company use to achieve this goal?

- A. Amazon Connect
- B. Application Load Balancer
- C. Amazon Route 53
- D. AWS WAF

Correct Answer: C

Community vote distribution

C (100%)

Which of the following are AWS best practice recommendations for the use of AWS Identity and Access Management (IAM)? (Choose two.)

- A. Use the AWS account root user for daily access.
- B. Use access keys and secret access keys on Amazon EC2.
- C. Rotate credentials on a regular basis.
- D. Create a shared set of access keys for system administrators.
- E. Configure multi-factor authentication (MFA).

Correct Answer: BE

Community vote distribution

CE (89%)

11%

A company needs to store code in a version control system. The company also needs to continually deploy updated code through a series of automated steps (build, test, package, and deploy).

Which combination of AWS services will meet these requirements? (Choose two.)

- A. AWS CloudFormation
- B. AWS CodeCommit
- C. AWS Control Tower
- D. AWS Elastic Beanstalk
- E. AWS CodePipeline

Correct Answer: BE

Community vote distribution

BE (81%)

BD (19%)

An ecommerce company has deployed a new web application on Amazon EC2 instances. The company wants to distribute incoming HTTP traffic evenly across all running instances.

Which AWS service or resource will meet this requirement?

- A. Amazon EC2 Auto Scaling
- B. Application Load Balancer
- C. Gateway Load Balancer
- D. Network Load Balancer

Correct Answer: B

Community vote distribution

B (94%) 6%

Which of the following are advantages of moving from on premises to the AWS Cloud? (Choose two.)

- A. Trade variable expenses for capital expenses.
- B. Eliminate costs related to running and maintaining data centers.
- C. Benefit from massive economies of scale.
- D. Eliminate the need to train IT staff.
- E. Gain the ability to reserve capacity for 7 years or more.

Correct Answer: CB

Community vote distribution

BC (100%)

A company is using an Amazon RDS database to run reports that are input/output (I/O) intensive.

Which AWS service can be used to improve the database performance?

- A. Amazon DynamoDB Accelerator (DAX)
- B. Amazon EMR
- C. Amazon ElastiCache
- D. Amazon Redshift

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service provides automated backups of data by default?

- A. Amazon S3
- B. Amazon Aurora
- C. Amazon ElastiCache for Memcached
- D. Amazon Elastic File System (Amazon EFS)

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service is a fully hosted version control service?

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

Correct Answer: A

Community vote distribution

A (100%)

A company is using Amazon RDS.

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

- A. Apply encryption options for the database.
- B. Manage the underlying server hardware on which Amazon RDS runs.
- C. Apply patches to the underlying operating system.
- D. Apply minor patches to the database.

Correct Answer: A

Community vote distribution

A (78%)

B (22%)

A company recently created its first AWS account.

Which AWS services will require the use of a VPC? (Choose two.)

- A. Amazon S3
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon Cognito
- D. Amazon DynamoDB
- E. Amazon EC2

Correct Answer: EB

Community vote distribution

BE (100%)

A user has an AWS account with a Business-level AWS Support plan and needs assistance with handling a production service disruption.

Which action should the user take?

- 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.

Correct Answer: D

Community vote distribution

D (100%)

A company is using Amazon EC2 instances.

Which tasks are the company's responsibility, according to the AWS shared responsibility model? (Choose two.)

- A. Maintain the network infrastructure.
- B. Patch the guest operating system.
- C. Configure a security group on deployed EC2 instances.
- D. Provide physical security for the underlying hardware of the EC2 instances.
- E. Manage the underlying hypervisor.

Correct Answer: BC

Community vote distribution

BC (100%)

Which of the following does Amazon CloudFront use to distribute content to users around the world?

- A. Amazon VPC
- B. AWS Local Zones
- C. Edge locations
- D. Availability Zones

Correct Answer: C

Community vote distribution

C (100%)

Which pillar of the AWS Well-Architected Framework includes the continual improvement of processes and procedures as a priority?

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

Correct Answer: D

Community vote distribution

D (100%)

Which of the following consists of one or more isolated data centers in the same regional area that are interconnected through low-latency networks?

- A. Availability Zone
- B. Edge location
- C. AWS Region
- D. Private networking

Correct Answer: A

Community vote distribution

A (100%)

Which AWS service or resource helps on-premises applications connect to AWS Cloud-based storage and caches the data locally for low-latency access?

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

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service or feature enables users to get one bill and easily track charges for multiple AWS accounts?

- A. AWS Organizations
- B. Cost Explorer
- C. AWS Trusted Advisor
- D. AWS Management Console

Correct Answer: A

Community vote distribution

A (100%)

A company has a global website with static content.

Which AWS service will deliver the static content with low latency?

- A. AWS Lambda
- B. Amazon CloudFront
- C. Amazon EC2 Auto Scaling
- D. AWS Compute Optimizer

Correct Answer: B

Community vote distribution

B (100%)

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

- A. AWS Personal Health Dashboard
- B. AWS Service Health Dashboard
- C. AWS Trusted Advisor
- D. AWS Infrastructure Event Management

Correct Answer: A

Community vote distribution

A (88%)	13%
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A company manages an on-premises MySQL database on a Windows server. The company wants to migrate the database to AWS and needs a solution that will reduce the administrative overhead of the database.

Which AWS service will meet this requirement?

- A. Amazon Redshift
- B. Amazon ElastiCache
- C. Amazon RDS
- D. Amazon Elastic File System (Amazon EFS)

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service can be used to provide an on-demand, cloud-based contact center?

- A. AWS Direct Connect
- B. Amazon Connect
- C. AWS Support Center
- D. AWS Managed Services

Correct Answer: A

Community vote distribution

B (100%)

Which benefit of cloud computing gives a company the ability to deploy applications to users all over the world through a network of AWS Regions, Availability Zones, and edge locations?

- A. Economy of scale
- B. Global reach
- C. Agility
- D. High availability

Correct Answer: D

Community vote distribution

B (100%)

Which AWS service is a relational database compatible with MySQL and PostgreSQL?

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

Correct Answer: C

Community vote distribution

C (100%)

A company uses a database that has a simple sign-up page to create users, and a basic login form to authenticate users so they can access the database. The company wants to give users the ability to store personal information, but user access must be controlled in a more secure and reliable way.

Which AWS service or feature will meet these requirements?

- A. Security groups
- B. Amazon GuardDuty
- C. AWS Secrets Manager
- D. Amazon Cognito

Correct Answer: D

Community vote distribution

D (100%)

A company is running multiple workloads in the AWS Cloud and recently began investigating ways to reduce costs. The company is already running fault-tolerant workloads on Amazon EC2 that perform periodic checkpoints in case of an outage.

Which AWS service or pricing model can provide the GREATEST cost savings?

- A. Capacity Reservations
- B. Amazon Lightsail
- C. Spot Instances
- D. Dedicated Hosts

Correct Answer: A

Community vote distribution

C (100%)

A company is undergoing a security audit. The audit includes security validation and compliance validation of the AWS infrastructure and services that the company uses. The auditor needs to locate compliance-related information and must download AWS security and compliance documents. These documents include the System and Organization Control (SOC) reports.

Which AWS service or group can provide these documents?

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

Correct Answer: B

Community vote distribution

B (100%)

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

- A. Perform operations as code.
- B. Stop guessing capacity.
- C. Adopt serverless architecture whenever possible.
- D. Use build and deployment management systems.
- E. Make changes to infrastructure by using automation.

Correct Answer: BE

Community vote distribution

BE (100%)

A company needs to perform data processing once a week that typically takes about 5 hours to complete.

Which AWS service should the company use for this workload?

- A. AWS Lambda
- B. Amazon EC2
- C. AWS CodeDeploy
- D. AWS Wavelength

Correct Answer: A

Community vote distribution

B (86%)	14%
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A company is developing a new web application. The company must give users the ability to log in to the application through social identity providers.

Which AWS service will meet these requirements?

- A. AWS Directory Service
- B. Amazon Cognito
- C. AWS Identity and Access Management (IAM)
- D. AWS Single Sign-On

Correct Answer: A

Community vote distribution

B (100%)

According to the AWS shared responsibility model, which activities are the customer's responsibility for security in the AWS Cloud? (Choose two.)

- A. Hardware maintenance
- B. Amazon EC2 operating system patching
- C. API access control for AWS resources
- D. Configuration management of infrastructure devices
- E. Maintenance of an Availability Zone

Correct Answer: BC

Community vote distribution

BC (100%)

Which service is an AWS in-memory data store service?

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

Correct Answer: D

Community vote distribution

D (100%)

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

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

Correct Answer: D

Community vote distribution

D (100%)

Which guidelines are key AWS architectural design principles? (Choose 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.

Correct Answer: BD

Community vote distribution

BD (100%)

A company is planning to build a workload in the AWS Cloud. The company needs to estimate the costs of the network, compute, storage, and database for the workload.

Which AWS service or tool should the company use to generate this estimate?

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

Correct Answer: D

Community vote distribution

D (100%)

A user is a new AWS account owner who has no special access requirements.

What should this user do with the AWS account root user access keys?

- A. Share the keys with all relevant internal users so that those users can programmatically access AWS services.
- B. Post the keys on GitHub to provide development teams with access to AWS services.
- C. Use the keys for access, but do not share the keys with anyone.
- D. Delete the keys and create IAM users.

Correct Answer: B

Community vote distribution

D (72%)

C (28%)

Which AWS service allows for file sharing between multiple Amazon EC2 instances?

- A. AWS Direct Connect
- B. AWS Snowball Edge
- C. AWS Backup
- D. Amazon Elastic File System (Amazon EFS)

Correct Answer: D

Community vote distribution

D (100%)

A company is running and managing its own Docker environment on Amazon EC2 instances. The company wants an alternative to help manage cluster size, scheduling, and environment maintenance.

Which AWS service meets these requirements?

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

Correct Answer: C

Community vote distribution

C (100%)

Which databases are available on Amazon RDS? (Choose two.)

- A. Sybase
- B. Microsoft SQL Server
- C. IBM Db2
- D. MongoDB
- E. PostgreSQL

Correct Answer: BE

Community vote distribution

BE (100%)

Which Amazon S3 feature or storage class uses the AWS backbone network and edge locations to reduce latencies from the end user to Amazon S3?

- A. S3 Cross-Region Replication
- B. S3 Transfer Acceleration
- C. S3 Event Notifications
- D. S3 Standard-Infrequent Access (S3 Standard-IA)

Correct Answer: B

Community vote distribution

B (100%)

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

- A. Automatically recover from failure.
- B. Enable traceability.
- C. Scale horizontally to increase workload availability.
- D. Automate security best practices.
- E. Keep people away from data.

Correct Answer: AC

Community vote distribution

AC (100%)

Management at a large company wants to avoid long-term contracts and is interested in AWS to move from fixed costs to variable costs.

What is the value proposition of AWS for this company?

- A. Economy of scale
- B. Pay-as-you-go pricing
- C. Volume discounts
- D. Cost optimization

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service should a company use to decouple large monolithic applications into smaller microservices components?

- A. AWS Direct Connect
- B. Amazon Lightsail
- C. Amazon Simple Queue Service (Amazon SQS)
- D. Amazon CloudWatch

Correct Answer: C

Community vote distribution

C (100%)

A company's system administrator discovers that someone logged in to the company's AWS account during the weekend and terminated an Amazon EC2 instance.

Which AWS service should the system administrator use to identify who made this change?

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

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service or tool lists all the users in an account and reports on the status of account details, including passwords, access keys, and multi-factor authentication (MFA) devices?

- A. AWS Shield
- B. AWS Trusted Advisor
- C. Amazon Inspector
- D. IAM credential report

Correct Answer: B

Community vote distribution

D (94%)

6%

Which AWS service offers threat detection and continuously monitors for malicious activity and unauthorized behavior in AWS accounts?

- A. Amazon Macie
- B. AWS Config
- C. Amazon GuardDuty
- D. Amazon Inspector

Correct Answer: C

Community vote distribution

C (100%)

A company needs to use Amazon S3 to store audio files that are each 5 megabytes in size. The company will rarely access the files, but the company must be able to retrieve the files immediately.

Which S3 storage class will meet these requirements MOST cost-effectively?

- A. S3 Standard
- B. S3 Standard-Infrequent Access (S3 Standard-IA)
- C. S3 Glacier Flexible Retrieval
- D. S3 Glacier Deep Archive

Correct Answer: B

Community vote distribution

B (75%) C (25%)

A user wants to control AWS services by using the AWS CLI.

What are the MINIMUM security credentials that the user needs to achieve this goal?

- A. AWS account user name and password
- B. Multi-factor authentication (MFA)
- C. Access keys
- D. Key pairs

Correct Answer: D

Community vote distribution

C (73%) D (27%)

A company has stopped all of its Amazon EC2 instances but monthly billing charges continue to occur.

What could be causing this? (Choose two.)

- A. Amazon Elastic Block Store (Amazon EBS) storage charges
- B. Operating system charges
- C. Hardware charges
- D. Elastic IP charges
- E. Input/output (I/O) charges

Correct Answer: AC

Community vote distribution

AD (100%)

A company has set up its IT infrastructure in the AWS Cloud. The company wants to receive detailed reports that break down AWS costs by the hour. The reports must be placed in an Amazon S3 bucket.

Which AWS tool will meet these requirements?

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

Correct Answer: D

Community vote distribution

A (100%)

Which AWS service or feature enables users to block the incoming or outgoing traffic associated with specific IP addresses flowing through a VPC?

- A. Network ACLs
- B. Security groups
- C. AWS Identity and Access Management (IAM)
- D. AWS WAF

Correct Answer: A

Community vote distribution

A (100%)

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

- A. Software licenses
- B. Networking
- C. Customer data
- D. Encryption keys

Correct Answer: C

Community vote distribution

C (100%)

Which Reserved Instance (RI) provides the HIGHEST average cost savings compared to an On-Demand Instance?

- A. 1-year, No Upfront, Standard RI
- B. 1-year, All Upfront, Convertible RI
- C. 3-year, All Upfront, Standard RI
- D. 3-year, No Upfront, Convertible RI

Correct Answer: A

Community vote distribution

C (100%)

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

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

Correct Answer: BE

Community vote distribution

BE (75%)

BD (25%)

A company has a set of ecommerce applications. The applications need to be able to send messages to each other.

Which AWS service meets this requirement?

- A. AWS Auto Scaling
- B. Elastic Load Balancing
- C. Amazon Simple Queue Service (Amazon SQS)
- D. Amazon Kinesis Data Streams

Correct Answer: C

Community vote distribution

C (100%)

A company wants to receive alerts when resources that are launched in the company's AWS account reach 80% of their service quotas.

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

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

Correct Answer: B

Community vote distribution

B (80%) A (20%)

Which pillar of the AWS Well-Architected Framework is focused on the ability of a workload to perform its intended function correctly and consistently at the expected time?

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

Correct Answer: C

Community vote distribution

C (100%)

Which AWS tool acts as a firewall to control traffic in and out of subnets within a VPC?

- A. Security group
- B. Route table
- C. VPC endpoint
- D. Network access control list (ACL)

Correct Answer: D

Community vote distribution

D (80%) A (20%)

A company is running a standard PostgreSQL database on premises. The company is migrating the database to the AWS Cloud and does not want to change the queries that access the database. The company must maximize the query performance.

Which AWS service will meet these requirements?

- A. Amazon RDS for PostgreSQL
- B. Amazon Aurora PostgreSQL
- C. Amazon DocumentDB (with MongoDB compatibility)
- D. Amazon DynamoDB

Correct Answer: A

Community vote distribution

A (60%) B (37%)

A company needs to use machine learning and pattern matching to identify and protect sensitive data that the company stores in the AWS Cloud.

Which AWS service will meet these requirements?

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

Correct Answer: B

Community vote distribution

B (100%)

A company wants to offer direct phone and chat channels for customer service. The company needs a pay-as-you-go solution that remote customer service agents can use to create and manage voice and chat contact flows.

Which AWS service will meet these requirements?

- A. Amazon EventBridge (Amazon CloudWatch Events)
- B. Amazon Connect
- C. Amazon Cognito
- D. AWS Direct Connect

Correct Answer: B

Community vote distribution

B (100%)

A company has acquired several other companies. All the companies host their IT infrastructure in the AWS Cloud.

Which AWS service should the acquiring company use to centralize the account management?

- A. AWS Systems Manager
- B. AWS Organizations
- C. AWS Security Hub
- D. Amazon Workspaces

Correct Answer: B

Community vote distribution

B (100%)

A company is using AWS for all its IT infrastructure. The company's developers are allowed to deploy applications on their own. The developers want to deploy their applications without having to provision the infrastructure themselves.

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

- A. AWS Cloud Formation
- B. AWS CodeBuild
- C. AWS Elastic Beanstalk
- D. AWS CodeDeploy

Correct Answer: B

Community vote distribution

C (92%)

8%

A company needs to analyze its AWS Cloud environment to determine whether the company is following security best practices. The company wants recommendations about how to close security gaps.

Which AWS service should the company use to obtain these recommendations?

- A. AWS WAF
- B. AWS Systems Manager
- C. AWS Trusted Advisor
- D. AWS Shield

Correct Answer: C

Community vote distribution

C (100%)

A company is using AWS Identity and Access Management (IAM).

Who can manage the access keys of the AWS account root user?

- A. IAM users in the same account that have been granted permission
- B. IAM roles in any account that have been granted permission
- C. IAM users and roles that have been granted permission
- D. The AWS account owner

Correct Answer: D

Community vote distribution

D (100%)

A company needs a managed NFS file system that the company can use with its AWS compute resources.

Which AWS service or feature will meet these requirements?

- A. Amazon Elastic Block Store (Amazon EBS)
- B. AWS Storage Gateway Tape Gateway
- C. Amazon S3 Glacier Flexible Retrieval
- D. Amazon Elastic File System (Amazon EFS)

Correct Answer: D

Community vote distribution

D (100%)

What is the security best practice concerning sensitive data stored in Amazon S3?

- A. Enable cross-Region replication on the S3 bucket.
- B. Enable S3 server-side encryption on the S3 bucket.
- C. Configure AWS WAF to prevent unauthorized access to the S3 bucket.
- D. Configure Amazon GuardDuty to prevent unauthorized access to the S3 bucket.

Correct Answer: D

Community vote distribution

B (93%)

7%

An application requires a database that offers consistent performance and latency that can be measured in single-digit milliseconds.

Which AWS service meets these requirements?

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

Correct Answer: A

Community vote distribution

A (100%)

A company needs to block SQL injection attacks.

Which AWS service or feature provides this functionality?

- A. AWS WAF
- B. Network ACLs
- C. Security groups
- D. AWS Trusted Advisor

Correct Answer: A

Community vote distribution

A (100%)

A company wants its Amazon EC2 instances to operate in a highly available environment, even if there is a natural disaster in a particular geographic area.

Which solution achieves this goal?

- A. Use EC2 instances in a single Availability Zone
- B. Use EC2 instances in multiple AWS Regions
- C. Use EC2 instances in multiple edge locations.
- D. Use Amazon CloudFront with the EC2 instances configured as the source.

Correct Answer: B

Community vote distribution

B (100%)

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

- 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.

Correct Answer: D

Community vote distribution

D (100%)

A company needs to apply security rules to specific Amazon EC2 instances.

Which AWS service or feature provides this functionality?

- A. AWS WAF
- B. Network ACLs
- C. Amazon VPC
- D. Security groups

Correct Answer: C

Community vote distribution

D (86%)

9%

A company wants to run Amazon EC2 instances in locations that are near the company's global users.

Which aspect of the AWS environment will support this requirement?

- A. Availability Zone
- B. Edge locations
- C. AWS Regions
- D. Regional edge caches

Correct Answer: A

Community vote distribution

C (62%)

B (26%)

13%

A company's project team needs to simultaneously mount a file system on multiple Amazon EC2 Linux instances. The file system also will be shared across multiple Availability Zones.

Which AWS service will meet these requirements?

- A. Amazon Elastic File System (Amazon EFS)
- B. Amazon S3
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon FSx for Windows File Server

Correct Answer: A

Community vote distribution

A (100%)

A large retail company wants to use an AWS service to process clickstream data from the company's ecommerce website. The company wants to collect and analyze the streaming data in real time.

Which AWS service meets these requirements?

- A. Amazon Kinesis
- B. Amazon Athena
- C. Amazon CloudFront
- D. AWS Data Exchange

Correct Answer: A

Community vote distribution

A (100%)

Which pillar of the AWS Well-Architected Framework focuses on the return on investment of moving into the AWS Cloud?

- A. Sustainability
- B. Cost optimization
- C. Operational excellence
- D. Reliability

Correct Answer: C

Community vote distribution

B (90%)

10%

A company is developing an application that the company will host on Amazon EC2 instances. The application must be available 24 hours a day, 7 days a week. The company needs a scalable, highly available cloud architecture to support the application.

Which guidelines should the company apply in its design to meet these requirements? (Choose two.)

- A. Use EC2 Spot Instances
- B. Use Multi-AZ deployments.
- C. Use Auto Scaling groups
- D. Use AWS Backup.
- E. Use EC2 Reserved Instances.

Correct Answer: BD

Community vote distribution

BC (100%)

Which AWS service helps users audit API activity across their AWS account?

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

Correct Answer: A

Community vote distribution

A (100%)

Which AWS service should a company use to create a serverless workflow?

- A. Amazon Connect
- B. AWS Lambda
- C. AWS Step Functions
- D. Amazon Elastic Block Store (Amazon EBS)
- E. AWS CodeBuild

Correct Answer: B

Community vote distribution

C (100%)

A company wants to build a data analytics application that uses Amazon Redshift. The company needs a cost estimate for its future Amazon Redshift usage.

Which AWS tool will provide a high-level cost estimation?

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

Correct Answer: B

Community vote distribution

B (100%)

A company is using Amazon EC2 instances.

Which tasks are the company's responsibility, according to the AWS shared responsibility model? (Choose two.)

- A. Choose the initial root password of new Linux instances.
- B. Identify which users can access the EC2 instances, and manage their permissions in the operating system.
- C. Apply the updates of the hypervisor where the EC2 instances are running.
- D. Choose between a Wi-Fi connection and an Ethernet connection for the global internet access.
- E. Identify and manage the users who are allowed to create or delete EC2 instances.

Correct Answer: CE

Community vote distribution

BE (94%)

6%

Which AWS service gives users the ability to run AWS services on premises?

- A. Amazon CloudFront
- B. AWS Outposts
- C. AWS Global Accelerator
- D. Amazon VPC

Correct Answer: B

Community vote distribution

B (100%)

Which guideline is a well-architected design principle for building cloud applications?

- 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.

Correct Answer: C

Community vote distribution

C (100%)

Which actions are examples of a company's effort to rightsize its AWS resources to control cloud costs? (Choose two.)

- A. Switch from Amazon RDS to Amazon DynamoDB to accommodate NoSQL datasets.
- B. Base the selection of Amazon EC2 instance types on past utilization patterns.
- C. Use Amazon S3 Lifecycle policies to move objects that users access infrequently to lower-cost storage tiers.
- D. Use Multi-AZ deployments for Amazon RDS.
- E. Replace existing Amazon EC2 instances with AWS Elastic Beanstalk.

Correct Answer: BC

Community vote distribution

BC (100%)

Where can AWS users review answers to frequently asked questions about security in the AWS Cloud?

- A. AWS Trusted Advisor
- B. AWS Knowledge Center
- C. AWS Support Center
- D. AWS Artifact

Correct Answer: D

Community vote distribution

B (92%)

8%

Which AWS service or feature can a company use to estimate AWS costs before provisioning workloads?

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

Correct Answer: C

Community vote distribution

A (100%)

An application that is hosted on Amazon EC2 has a steady and consistent workload. The application will operate for at least 1 year.

What is the MOST cost-effective instance purchasing option to meet these requirements?

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

Correct Answer: C

Community vote distribution

B (100%)

A company needs to use dashboards and charts to analyze insights from business data.

Which AWS service will provide the dashboards and charts for these insights?

- A. Amazon Macie
- B. Amazon Aurora
- C. Amazon QuickSight
- D. AWS CloudTrail

Correct Answer: D

Community vote distribution

C (88%)

13%

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

- A. Analyze and attribute expenditures.
- B. Monitor, alert, and audit actions and changes to AWS resources.
- C. Deploy globally in minutes.
- D. Protect data in transit and at rest.
- E. Perform operations as code.

Correct Answer: DE

Community vote distribution

BD (95%)	5%
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A company moves its infrastructure from on premises to the AWS Cloud. The company can now provision additional Amazon EC2 instances whenever the instances are required. With this ability, the company can launch new marketing campaigns in 3 days instead of 3 weeks.

Which benefit of the AWS Cloud does this scenario demonstrate?

- A. Cost savings
- B. Improved operational resilience
- C. Increased business agility
- D. Enhanced security

Correct Answer: D

Community vote distribution

C (89%)	11%
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A company wants to design a reliable web application that is hosted on Amazon EC2.

Which approach will achieve this goal?

- A. Launch large EC2 instances in the same Availability Zone
- B. Spread EC2 instances across more than one security group
- C. Spread EC2 instances across more than one Availability Zone.
- D. Use an Amazon Machine Image (AMI) from AWS Marketplace.

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service should a company use to provision, manage, and deploy SSL/TLS certificates?

- A. AWS Secrets Manager
- B. Amazon Inspector
- C. AWS CodeDeploy
- D. AWS Certificate Manager (ACM)

Correct Answer: D

Community vote distribution

D (100%)

A company provides Amazon Workspaces to its remote employees. The company wants to prevent employees from using their virtual desktops to visit specific websites that are known to be malicious.

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

- A. AWS Shield Advanced
- B. Amazon Route 53
- C. Amazon GuardDuty
- D. AWS Network Firewall

Correct Answer: C

Community vote distribution

D (100%)

A company wants to build an application that uses AWS Lambda to run Python code.

Under the AWS shared responsibility model, which tasks will be the company's responsibility? (Choose two.)

- A. Management of the underlying infrastructure
- B. Management of the operating system.
- C. Writing the business logic code.
- D. Installation of the computer language runtime.
- E. Providing AWS Identity and Access Management (IAM) access to the Lambda service.

Correct Answer: AE

Community vote distribution

CE (100%)

Which of the following is one of the pillars of the AWS Well-Architected Framework?

- A. Efficiency and redundancy
- B. High availability
- C. Operational excellence
- D. Business optimization

Correct Answer: C

Community vote distribution

C (100%)

A company has multiple departments. The company must charge each department for its exact AWS Cloud usage, including data transfer costs.

How can the company determine these costs by department?

- A. Use one AWS account for each department.
- B. Use cost allocation tags on services that are used the most often.
- C. Use AWS Trusted Advisor.
- D. Use Savings Plans.

Correct Answer: B

Community vote distribution

B (52%)

A (48%)

An ecommerce company has Amazon EC2 instances running as web servers. There is a predictable pattern of peak traffic load that occurs two times each day, always at the same time. The EC2 instances are idle for the remainder of the day.

What is the MOST cost-effective way to manage these resources while maintaining fault tolerance?

- A. Use an Auto Scaling group to scale resources in and out based on demand.
- B. Purchase Reserved Instances to ensure peak capacity at all times.
- C. Write a cron job to stop the EC2 instances when the traffic demand is low.
- D. Write a script to vertically scale the EC2 instances during peak traffic demand.

Correct Answer: A

Community vote distribution

A (100%)

A company wants to integrate its online shopping website with social media login credentials.

Which AWS service can the company use to make this integration?

- A. AWS Directory Service
- B. AWS Identity and Access Management (IAM)
- C. Amazon Cognito
- D. AWS IAM Identity Center (AWS Single Sign-On)

Correct Answer: C

Community vote distribution

C (89%)	11%
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A company needs to create graphs that show historical and current costs for the company's AWS account.

Which AWS service or tool provides this functionality?

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

Correct Answer: D

Community vote distribution

D (71%)	B (29%)
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A company acquired another corporation. The company now has two AWS accounts.

Which AWS service or tool can the company use to consolidate the billing for these two accounts?

- A. AWS Systems Manager
- B. AWS Organizations
- C. AWS License Manager
- D. Cost Explorer

Correct Answer: B

Community vote distribution

B (100%)

Which AWS Support plans provide a complete set of AWS Trusted Advisor checks?

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

Correct Answer: A

Community vote distribution

B (100%)

Which of the following is a method for building a highly available application on AWS?

- A. Place an Independent copy of the application in two or more Availability Zones.
- B. Place codependent components of the application in two or more Availability Zones
- C. Run one version of the application in one Availability Zone and run an earlier version of the application in a second Availability Zone.
- D. Deploy two copies of the application in a single Availability Zone.

Correct Answer: A

Community vote distribution

A (100%)

Which statement is an AWS Cloud best practice that focuses on the elasticity and agility of cloud computing?

- A. Provision capacity based on past usage and theoretical peaks.
- B. Dynamically 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.

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service could an administrator use to provide desktop environments for several employees?

- A. AWS Organizations
- B. AWS Fargate
- C. AWS WAF
- D. AWS Workspaces

Correct Answer: D

Community vote distribution

D (100%)

A company simulates workflows to review and validate that all processes are effective and that staff are familiar with the processes.

Which design principle of the AWS Well-Architected Framework is the company following with this practice?

- A. Perform operations as code.
- B. Refine operation procedures frequently.
- C. Make frequent, small, reversible changes.
- D. Structure the company to support business outcomes.

Correct Answer: A

Community vote distribution

B (100%)

Which AWS services or resources can a company use directly on its on-premises servers? (Choose two.)

- A. AWS OpsWorks
- B. AWS CloudFormation
- C. AWS Storage Gateway
- D. Application Load Balancer
- E. Amazon Cognito

Correct Answer: AE

Community vote distribution

AC (43%)

CE (36%)

CD (21%)

According to the AWS shared responsibility model, the customer is responsible for applying the latest security updates and patches for which of the following?

- A. Amazon DynamoDB
- B. Amazon EC2 instances
- C. Amazon RDS instances
- D. Amazon S3

Correct Answer: B

Community vote distribution

B (100%)

Which cloud computing advantage is a company applying when it uses AWS Regions to increase application availability to users in different countries?

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

Correct Answer: D

Community vote distribution

D (100%)

Which option is an advantage of AWS Cloud computing that minimizes variable costs?

- A. High availability
- B. Economies of scale
- C. Global reach
- D. Agility

Correct Answer: A

Community vote distribution

B (75%)

C (25%)

Which action will help increase security in the AWS Cloud?

- A. Enable programmatic access for all IAM users.
- B. Use IAM users instead of IAM roles to delegate permissions.
- C. Rotate access keys on a reoccurring basis.
- D. Use inline policies instead of customer managed policies.

Correct Answer: B

Community vote distribution

C (100%)

A user wants to transport data between AWS and an on-premises environment using a private network connection.

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

- A. NAT gateway
- B. AWS Direct Connect
- C. Amazon VPC
- D. Internet gateway

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service can serve a static website?

- A. Amazon S3
- B. Amazon Route 53
- C. Amazon QuickSight
- D. AWS X-Ray

Correct Answer: B

Community vote distribution

A (87%)

13%

Which design principles are enabled by the AWS Cloud to improve the operation of workloads? (Choose two.)

- A. Minimize upfront design
- B. Loose coupling
- C. Disposable resources
- D. Server design and concurrency
- E. Minimal viable product

Correct Answer: BD

Community vote distribution

BC (75%)	BD (25%)
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A large company has a workload that requires hardware to remain on premises. The company wants to use the same management and control plane services that it currently uses on AWS.

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

- A. AWS Device Farm
- B. AWS Fargate
- C. AWS Outposts
- D. AWS Ground Station

Correct Answer: C

Community vote distribution

C (71%)	A (29%)
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Which of the following is included within the security pillar of the AWS Well-Architected Framework?

- A. Identity federation
- B. Data protection
- C. Incident reporting
- D. Disaster recovery

Correct Answer: B

Community vote distribution

B (100%)

A company has been storing monthly reports in an Amazon S3 bucket. The company exports the report data into comma-separated values (.csv) files. A developer wants to write a simple query that can read all of these files and generate a summary report.

Which AWS service or feature should the developer use to meet these requirements with the LEAST amount of operational overhead?

- A. Amazon S3 Select
- B. Amazon Athena
- C. Amazon Redshift
- D. Amazon EC2

Correct Answer: A

Community vote distribution

B (100%)

A company wants the ability to accommodate peak application usage without purchasing equipment for on-premises data centers.

Which AWS Cloud benefit is the company seeking?

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

Correct Answer: A

Community vote distribution

D (100%)

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

- A. Availability
- B. Reliability
- C. Scalability
- D. Responsive design
- E. Operational excellence

Correct Answer: AE

Community vote distribution

BE (100%)

Which AWS service provides highly durable object storage?

- A. Amazon S3
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon FSx

Correct Answer: A

Community vote distribution

A (100%)

A company needs to migrate all of its development teams to a cloud-based integrated development environment (IDE).

Which AWS service should the company use?

- A. AWS CodeBuild
- B. AWS Cloud9
- C. AWS OpsWorks
- D. AWS Cloud Development Kit (AWS CDK)

Correct Answer: A

Community vote distribution

B (94%)

6%

Which AWS database service provides in-memory data storage?

- A. Amazon DynamoDB
- B. Amazon ElastiCache
- C. Amazon RDS
- D. Amazon Timestream

Correct Answer: B

Community vote distribution

B (100%)

A company needs a content delivery network that provides secure delivery of data, videos, applications, and APIs to users globally with low latency and high transfer speeds.

Which AWS service meets these requirements?

- A. Amazon CloudFront
- B. Elastic Load Balancing
- C. Amazon S3
- D. Amazon Elastic Transcoder

Correct Answer: C

Community vote distribution

A (100%)

Which of the following are design principles for reliability in the AWS Cloud? (Choose two.)

- A. Build architectures with tightly coupled resources.
- B. Use AWS Trusted Advisor to meet security best practices.
- C. Use automation to recover immediately from failure.
- D. Right size Amazon EC2 instances to ensure optimal performance.
- E. Simulate failures to test recovery processes.

Correct Answer: CE

Community vote distribution

CE (100%)

Which AWS service is a cloud security posture management (CSPM) service that aggregates alerts from various AWS services and partner products in a standardized format?

- A. AWS Security Hub
- B. AWS Trusted Advisor
- C. Amazon EventBridge
- D. Amazon GuardDuty

Correct Answer: B

Community vote distribution

A (100%)

A company wants to use the AWS Cloud to define its entire infrastructure as code. The company wants to limit human error and activate consistent responses to events.

Which pillar of the AWS Well-Architected Framework does this plan support?

- A. Security
- B. Operational excellence
- C. Cost optimization
- D. Reliability

Correct Answer: B

Community vote distribution

B (90%) 10%

A developer wants AWS users to access AWS services by using temporary security credentials.

Which AWS service or feature should the developer use to provide these credentials?

- A. IAM policies
- B. IAM user groups
- C. AWS Security Token Service (AWS STS)
- D. AWS IAM Identity Center (AWS Single Sign-On)

Correct Answer: C

Community vote distribution

C (100%)

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

- A. Loosely couple components
- B. Build monolithic systems
- C. Scale vertically, not horizontally
- D. Use third-party software

Correct Answer: B

Community vote distribution

A (100%)

What does the Amazon S3 Intelligent-Tiering storage class offer?

- 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

Correct Answer: D

Community vote distribution

C (100%)

How does the AWS Cloud help companies build agility into their processes and cloud infrastructure?

- A. Companies can avoid provisioning too much capacity when they do not know how much capacity is required.
- B. Companies can expand into new geographic regions.
- C. Companies can access a range of technologies to experiment and innovate quickly.
- D. Companies can pay for IT resources only when they use the resources.

Correct Answer: A

Community vote distribution

C (100%)

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

- 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.

Correct Answer: C

Community vote distribution

C (75%)

A (25%)

An Availability Zone consists of:

- A. one or more data centers in a single location.
- B. two or more data centers in multiple locations.
- C. one or more physical hosts in a single data center.
- D. two or more physical hosts in multiple data centers.

Correct Answer: A

Community vote distribution

A (55%) B (45%)

A company is designing a web application that will run on Amazon EC2 instances.

Which AWS services and features will improve availability and reduce the impact of failures for this application? (Choose two.)

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

Correct Answer: AE

Community vote distribution

AC (100%)

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

- A. EC2 Image Builder
- B. Amazon Machine Image (AMI)
- C. AWS Launch Wizard
- D. AWS Elastic Beanstalk

Correct Answer: A

Community vote distribution

A (100%)

Which of the following describes an AWS Region?

- A. Specific location within a geographic area that provides high availability
- B. Set of data centers spanning multiple countries
- C. A global picture of a user's cloud computing environment
- D. A collection of databases that can be accessed from a specific geographic area only

Correct Answer: B

Community vote distribution

A (86%)

14%

Which AWS service provides recommendations to help users optimize costs and follow AWS best practices?

- A. AWS Trusted Advisor
- B. AWS Service Catalog
- C. AWS Ground Station
- D. Amazon GuardDuty

Correct Answer: A

Community vote distribution

A (100%)

Which AWS service provides a cloud-based contact center that scales to support a business of any size?

- A. Amazon Personalize
- B. Amazon Cognito
- C. Amazon Connect
- D. Amazon Lightsail

Correct Answer: C

Community vote distribution

C (100%)

A financial company needs to centrally manage its AWS accounts and use consolidated billing.

Which AWS service or feature should the company use?

- A. AWS Cost Explorer
- B. AWS Organizations
- C. AWS Billing and Cost Management
- D. AWS Budgets

Correct Answer: C

Community vote distribution

B (92%) 8%

A company is preparing for an audit and wants documentation that AWS complies with the Payment Card Industry Data Security Standard (PCI DSS).

Where can the company find this documentation?

- A. AWS Artifact
- B. AWS Organizations
- C. AWS Trusted Advisor
- D. AWS Support Center

Correct Answer: B

Community vote distribution

A (100%)

A company stores data in an Amazon S3 bucket.

Which task is the responsibility of AWS?

- A. Configure an S3 Lifecycle policy.
- B. Activate S3 Versioning.
- C. Configure S3 bucket policies.
- D. Protect the infrastructure that supports S3 storage.

Correct Answer: B

Community vote distribution

D (100%)

Which AWS service allows a user to provision a managed MySQL DB instance?

- A. Amazon DynamoDB
- B. Amazon Redshift
- C. Amazon RDS
- D. AWS Database Migration Service (AWS DMS)

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service should a cloud practitioner use to receive real-time guidance for provisioning resources, based on AWS best practices related to security, cost optimization, and service limits?

- A. AWS Trusted Advisor
- B. AWS Config
- C. AWS Security Hub
- D. AWS Systems Manager

Correct Answer: A

Community vote distribution

A (100%)

Which statements represent the cost-effectiveness of the AWS Cloud? (Choose two.)

- A. Users can trade fixed expenses for variable expenses.
- B. Users can deploy all over the world in minutes.
- C. AWS offers increased speed and agility.
- D. AWS is responsible for patching the infrastructure.
- E. Users benefit from economies of scale.

Correct Answer: BC

Community vote distribution

AE (93%)

7%

Which AWS service stores graph data in the form of vertices and edges?

- A. Amazon DynamoDB
- B. Amazon RDS
- C. Amazon Quantum Ledger Database (Amazon QLDB)
- D. Amazon Neptune

Correct Answer: D

Community vote distribution

D (100%)

When designing AWS workloads to be operational even when there are component failures, what is an AWS best practice?

- A. Perform quarterly disaster recovery tests.
- B. Place the main component on the us-east-1 Region.
- C. Design for automatic failover to healthy resources.
- D. Design workloads to fit on a single Amazon EC2 instance.

Correct Answer: C

Community vote distribution

C (100%)

A company wants to protect resources that the company hosts on AWS, including Application Load Balancers and Amazon CloudFront distributions. The company wants an AWS service that can provide near real-time visibility into attacks on the company's resources. The service must also have a dedicated AWS team to assist with distributed denial of service (DDoS) attacks.

Which AWS service will meet these requirements?

- A. AWS WAF
- B. AWS Shield Standard
- C. Amazon Macie
- D. AWS Shield Advanced

Correct Answer: A

Community vote distribution

D (100%)

Which AWS Support plan provides customers with access to an AWS technical account manager (TAM)?

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

Correct Answer: D

Community vote distribution

D (100%)

Which task is the responsibility of a company that is using Amazon RDS?

- A. Provision the underlying infrastructure.
- B. Create IAM policies to control administrative access to the service.
- C. Install the cables to connect the hardware for compute and storage.
- D. Install and patch the RDS operating system.

Correct Answer: B

Community vote distribution

B (100%)

A company has an application with robust hardware requirements. The application must be accessed by students who are using lightweight, low-cost laptops.

Which AWS service will help the company deploy the application without investing in backend infrastructure or high-end client hardware?

- A. Amazon AppStream 2.0
- B. AWS AppSync
- C. Amazon WorkLink
- D. AWS Elastic Beanstalk

Correct Answer: A

Community vote distribution

A (100%)

Which of the following is an AWS value proposition that describes a user's ability to scale infrastructure based on demand?

- A. Speed of innovation
- B. Resource elasticity
- C. Decoupled architecture
- D. Global deployment

Correct Answer: B

Community vote distribution

B (100%)

A company needs to organize its resources and track AWS costs on a detailed level. The company needs to categorize costs by business department, environment, and application.

Which solution will meet these requirements?

- A. Access the AWS Cost Management console to organize resources, set an AWS budget, and receive notifications of unintentional usage.
- B. Use tags to organize the resources. Activate cost allocation tags to track AWS costs on a detailed level.
- C. Create Amazon CloudWatch dashboards to visually organize and track costs individually.
- D. Access the AWS Billing and Cost Management dashboard to organize and track resource consumption on a detailed level.

Correct Answer: B

Community vote distribution

B (100%)

Using Amazon Elastic Container Service (Amazon ECS) to break down a monolithic architecture into microservices is an example of:

- A. a loosely coupled architecture.
- B. a tightly coupled architecture.
- C. a stateless architecture.
- D. a stateful architecture.

Correct Answer: A

Community vote distribution

A (100%)

Which AWS benefit is demonstrated by on-demand technology services that enable companies to replace upfront fixed expenses with variable expenses?

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

Correct Answer: A

Community vote distribution

C (100%)

Which AWS service is a key-value database that provides sub-millisecond latency on a large scale?

- A. Amazon DynamoDB
- B. Amazon Aurora
- C. Amazon DocumentDB (with MongoDB compatibility)
- D. Amazon Neptune

Correct Answer: A

Community vote distribution

A (100%)

A company stores several terabytes of data in an Amazon S3 bucket. The company needs to query the data by using standard SQL and does not want to set up infrastructure.

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

- A. Amazon RDS
- B. Amazon Redshift
- C. Amazon Athena
- D. Amazon EC2

Correct Answer: A

Community vote distribution

C (88%)

13%

Which AWS service supports the analysis, investigation, and identification of the root cause of security events and suspicious activities in an AWS account?

- A. Amazon Inspector
- B. Amazon Macie
- C. Amazon Detective
- D. Amazon CloudWatch

Correct Answer: C

Community vote distribution

C (100%)

A company plans to run its IT infrastructure in the AWS Cloud. The infrastructure must be highly available. The company also must minimize the network latency between servers.

Which deployment scenario will meet these requirements?

- A. Deploy in multiple Availability Zones in multiple AWS Regions.
- B. Deploy in one Availability Zone in one AWS Region
- C. Deploy in multiple AWS Regions. Deploy in one Availability Zone in each Region.
- D. Deploy in multiple Availability Zones in one AWS Region.

Correct Answer: B

Community vote distribution

D (100%)

Which AWS service decouples application components so that the components run independently?

- A. Amazon Simple Notification Service (Amazon SNS)
- B. Amazon Simple Workflow Service (Amazon SWF)
- C. AWS Glue
- D. Amazon Simple Queue Service (Amazon SQS)

Correct Answer: D

Community vote distribution

D (100%)

A company is designing an application. For the data persistence layer, the company wants to use a NoSQL database.

Which AWS service should the company use for the database?

- A. Amazon Redshift
- B. AWS DataSync
- C. Amazon Athena
- D. Amazon DynamoDB

Correct Answer: D

Community vote distribution

D (100%)

Which AWS service keeps track of SSL/TLS certificates, creates new certificates, and processes renewals?

- A. AWS Identity and Access Management (IAM)
- B. AWS Certificate Manager (ACM)
- C. AWS Config
- D. AWS Trusted Advisor

Correct Answer: B

Community vote distribution

B (100%)

A company is using AWS Lambda.

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

- A. Update the Lambda runtime language.
- B. Maintain the runtime environment.
- C. Maintain the networking infrastructure.
- D. Configure the resource.

Correct Answer: C

Community vote distribution

D (89%)

11%

A company needs to process data from satellite communications without managing any infrastructure.

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

- A. Amazon CloudWatch
- B. Amazon Aurora
- C. Amazon Athena
- D. AWS Ground Station

Correct Answer: D

Community vote distribution

D (100%)

A company wants to run its applications in the AWS Cloud. The company does not have enough staff to maintain and protect its critical business applications.

Which AWS service should the company use to perform these tasks?

- A. AWS Shield
- B. Amazon RDS
- C. AWS Config
- D. AWS Managed Services (AMS)

Correct Answer: D

Community vote distribution

D (100%)

A company needs to test a new application that was written in Python. The code will activate when new images are stored in an Amazon S3 bucket. The application will put a watermark on each image and then will store the images in a different S3 bucket.

Which AWS service should the company use to conduct the test with the LEAST amount of operational overhead?

- A. Amazon EC2
- B. AWS Code Deploy
- C. AWS Lambda
- D. Amazon Lightsail

Correct Answer: C

Community vote distribution

C (100%)

A cloud engineer needs to track AWS costs. The cloud engineer also needs to receive event driven alerts when costs exceed specific thresholds.

Which AWS tool provides this functionality?

- A. AWS Cost Explorer
- B. AWS Budgets
- C. Cost allocation tags
- D. AWS Cost and Usage Reports

Correct Answer: A

Community vote distribution

B (100%)

Which of the following is available to a company that has an AWS Business Support plan?

- A. AWS Support concierge
- B. AWS DDoS Response Team (DRT)
- C. AWS technical account manager (TAM)
- D. AWS Health API

Correct Answer: C

Community vote distribution

D (92%)

8%

A company wants to migrate its on-premises data warehouse to AWS. The information in the data warehouse is used to populate analytics dashboards.

Which AWS service should the company use for the data warehouse?

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

Correct Answer: D

Community vote distribution

D (100%)

A company wants to use machine learning to identify suspicious activities in its AWS account.

Which AWS service provides this functionality?

- A. AWS Shield
- B. Amazon Macie
- C. Amazon Detective
- D. AWS WAF

Correct Answer: C

Community vote distribution

C (77%) B (23%)

A company is hosting a web application in a Docker container on Amazon EC2.

AWS is responsible for which of the following tasks?

- 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

Correct Answer: C

Community vote distribution

C (100%)

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

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

Correct Answer: BE

Community vote distribution

BE (100%)

Which AWS service will help a company identify the user who deleted an Amazon EC2 instance yesterday?

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

Correct Answer: C

Community vote distribution

C (100%)

A company is configuring its AWS Cloud environment. The company's administrators need to group users together and apply permissions to the group.

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

- A. AWS Organizations
- B. Resource groups
- C. Resource tagging
- D. AWS Identity and Access Management (IAM)

Correct Answer: D

Community vote distribution

D (100%)

Which statement describes a characteristic of the AWS global infrastructure?

- A. Edge locations contain multiple AWS Regions
- B. AWS Regions contain multiple Regional edge caches
- C. Availability Zones contain multiple data centers
- D. Each data center contains multiple edge locations

Correct Answer: C

Community vote distribution

C (100%)

A company has an online shopping website and wants to store customers' credit card data. The company must meet Payment Card Industry (PCI) standards.

Which service can the company use to access AWS compliance documentation?

- A. Amazon Cloud Directory
- B. AWS Artifact
- C. AWS Trusted Advisor
- D. Amazon Inspector

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service can a company use to perform complex analytical queries?

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

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service should a company use to check for IAM access keys that have not been rotated recently?

- A. AWS WAF
- B. AWS Trusted Advisor
- C. Amazon Inspector
- D. AWS Certificate Manager (ACM)

Correct Answer: C

Community vote distribution

B (83%)

D (17%)

A user wants to identify any security group that is allowing unrestricted incoming SSH traffic.

Which AWS service can be used to accomplish this goal?

- A. Amazon Cognito
- B. AWS Shield
- C. Amazon Macie
- D. AWS Trusted Advisor

Correct Answer: D

Community vote distribution

D (100%)

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

- A. The ability to turn over the responsibility for all security to AWS
- B. The ability to use the pay as you go model
- C. The ability to have full control over the physical infrastructure
- D. No longer having to guess what capacity will be required
- E. No longer worrying about users access controls

Correct Answer: BD

Community vote distribution

BD (100%)

Which task requires the use of AWS account root user credentials?

- A. The deletion of IAM users
- B. The change to a different AWS Support plan
- C. The creation of an organization in AWS Organizations
- D. The deletion of Amazon EC2 instances

Correct Answer: A

Community vote distribution

B (90%)

10%

What is a characteristic 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

Correct Answer: A

Community vote distribution

A (86%) 14%

A company wants to deploy and manage a Docker based application on AWS.

Which solution meets these requirements with the LEAST amount of operational overhead?

- A. An open source Docker orchestrator on Amazon EC2 instances
- B. AWS AppSync
- C. Amazon Elastic Container Registry (Amazon ECR)
- D. Amazon Elastic Container Service (Amazon ECS)

Correct Answer: D

Community vote distribution

D (100%)

Which of the following is an advantage of AWS Cloud computing?

- A. Trade security for elasticity
- B. Trade operational excellence for agility
- C. Trade fixed expenses for variable expenses
- D. Trade elasticity for performance

Correct Answer: C

Community vote distribution

C (80%) B (20%)

According to the AWS shared responsibility model which of the following are AWS responsibilities? (Choose 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

Correct Answer: AD

Community vote distribution

AD (100%)

A company plans to migrate its application to AWS and run the application on Amazon EC2 instances. The application will have continuous usage for 1 year.

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

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

Correct Answer: A

Community vote distribution

A (100%)

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

- A. Pay for compute resources in advance
- B. Make data driven decisions to determine cloud architectural design
- C. Emphasize manual processes to allow for changes
- D. Test systems at production scale
- E. Refine operational procedures infrequently

Correct Answer: DE

Community vote distribution

BD (92%)

8%

A company needs to receive notification when a deployed workload is using more than a certain percentage of a service quota.

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

- A. AWS Config
- B. AWS CloudTrail
- C. AWS Trusted Advisor
- D. AWS Lambda

Correct Answer: B

Community vote distribution

C (91%)	9%
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A company wants to continuously monitor its AWS accounts and workloads for malicious activity. The company also wants to receive detailed security findings for visibility and remediation.

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

- A. Amazon GuardDuty
- B. AWS Shield
- C. AWS WAP
- D. AWS CloudTrail

Correct Answer: A

Community vote distribution

A (100%)

Which design principle should be considered when architecting in 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

Correct Answer: C

Community vote distribution

C (100%)

When a user wants to utilize their existing per-socket, per-core, or per-virtual machine software licenses for a Microsoft Windows server running on AWS, which Amazon EC2 instance type is required?

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

Correct Answer: C

Community vote distribution

C (100%)

Which AWS Support plan includes infrastructure event management at no additional cost?

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

Correct Answer: B

Community vote distribution

C (100%)

A developer needs to debug and troubleshoot an application that is experiencing runtime errors. The application is running on microservices architecture on AWS.

Which AWS service should the developer use to troubleshoot the application?

- A. Amazon Inspector
- B. AWS CloudShell
- C. AWS CodeStar
- D. AWS X-Ray

Correct Answer: A

Community vote distribution

D (100%)

What is an Availability Zone?

- 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

Correct Answer: B

Community vote distribution

B (100%)

Which of the following promotes AWS Cloud architectural best practices for designing and operating reliable, secure, efficient, and cost-effective systems?

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

Correct Answer: D

Community vote distribution

D (100%)

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

Which AWS service or tool will meet these requirements?

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

Correct Answer: B

Community vote distribution

B (100%)

A company has a workload that requires data to be collected, analyzed, and stored on premises. The company wants to extend the use of AWS services to run on premises with access to the company network and the company's VPC.

Which AWS service meets this requirement?

- A. AWS Outposts
- B. AWS Storage Gateway
- C. AWS Direct Connect
- D. AWS Snowball

Correct Answer: B

Community vote distribution

A (100%)

Which AWS service provides the ability to host a NoSQL database in the AWS Cloud?

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

Correct Answer: B

Community vote distribution

B (100%)

Which of the following are benefits that a company receives when it moves an on premises production workload to AWS? (Choose two.)

- A. AWS trains the company's staff on the use of all the AWS services
- B. AWS manages all security in the cloud
- C. AWS offers free support from technical account managers (TAMs)
- D. AWS offers high availability
- E. AWS provides economies of scale

Correct Answer: DE

Community vote distribution

DE (100%)

Which benefit does Amazon Rekognition provide?

- A. The ability to place watermarks on images
- B. The ability to detect objects that appear in pictures
- C. The ability to resize millions of images automatically
- D. The ability to bid on object detection jobs

Correct Answer: B

Community vote distribution

B (100%)

Which AWS Cloud deployment model uses AWS Outposts as part of the application deployment infrastructure?

- A. On-premises
- B. Serverless
- C. Cloud native
- D. Hybrid

Correct Answer: D

Community vote distribution

D (100%)

Which AWS service aggregates organizes and prioritizes security alerts and findings from multiple AWS services?

- A. Amazon Detective
- B. Amazon Inspector
- C. Amazon Macie
- D. AWS Security Hub

Correct Answer: D

Community vote distribution

D (100%)

A user is able to set up a management payer account to view consolidated billing reports through.

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

Correct Answer: D

Community vote distribution

D (100%)

Which of the following are user authentication services managed by AWS? (Choose two.)

- A. Amazon Cognito
- B. AWS Lambda
- C. AWS License Manager
- D. AWS Identity and Access Management (IAM)
- E. AWS CodeStar

Correct Answer: AD

Community vote distribution

AD (100%)

Which AWS service gives users the ability to download compliance reports from third party auditors?

- A. AWS Lambda
- B. AWS Trusted Advisor
- C. AWS Artifact
- D. AWS Audit Manager

Correct Answer: C

Community vote distribution

C (100%)

Which of the following is a cost efficiency principle related to the AWS Cloud?

- A. Right size services based on capacity requirements
- B. Use the Billing Dashboard to access information about monthly bills
- C. Use AWS Organizations to combine the expenses of multiple accounts into a single bill
- D. Tag all AWS resources

Correct Answer: C

Community vote distribution

A (87%) 7%

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

- A. Trade variable expenses for capital expenses
- B. High economies of scale
- C. Launch globally in minutes
- D. Focus on managing hardware infrastructure
- E. Over provision to ensure capacity

Correct Answer: BC

Community vote distribution

BC (100%)

Which AWS service uses a combination of publishers and subscribers?

- A. AWS Lambda
- B. Amazon Simple Notification Service (Amazon SNS)
- C. Amazon Cloud Watch
- D. AWS CloudFormation

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service or tool gives users the ability to set alerts that are sent when AWS Cloud costs exceed a certain amount?

- A. AWS Budgets
- B. AWS Cost and Usage Report
- C. AWS Cost Explorer
- D. Amazon Inspector

Correct Answer: A

Community vote distribution

A (100%)

A company wants to protect its AWS Cloud information systems and assets while performing risk assessment and mitigation tasks

Which pillar of the AWS Well Architected framework is supported by these goals?

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

Correct Answer: B

Community vote distribution

B (100%)

A company is migrating an application that includes an Oracle database to AWS. The company cannot rewrite the application.

To which AWS service could the company migrate the database?

- A. Amazon Athena
- B. Amazon DynamoDB
- C. Amazon RDS
- D. Amazon DocumentDB (with MongoDB compatibility)

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service has unlimited free use?

- A. Amazon SageMaker
- B. AWS Config
- C. AWS Organizations
- D. Amazon Cloud Watch

Correct Answer: B

Community vote distribution

C (68%) D (29%) 4%

A cloud practitioner wants a repeatable way to deploy identical AWS resources by using infrastructure templates.

Which AWS service will meet these requirements?

- A. AWS CloudFormation
- B. AWS Directory Service
- C. Amazon Lightsail
- D. AWS CodeDeploy

Correct Answer: A

Community vote distribution

A (100%)

A company is building an application that will receive millions of database queries each second. The company needs the data store for the application to scale to meet these needs.

Which AWS service will meet this requirement?

- A. Amazon DynamoDB
- B. AWS Cloud9
- C. Amazon Elastiache for Memcached
- D. Amazon Neptune

Correct Answer: B

Community vote distribution

A (100%)

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

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

Correct Answer: CE

Community vote distribution

CE (70%)	DE (20%)	10%
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Which services can be used to deploy applications on AWS? (Choose two.)

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

Correct Answer: AC

Community vote distribution

AC (80%)	13%	7%
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Which AWS feature or resource is a deployable Amazon EC2 instance template that is prepackaged with software and security requirements?

- A. Amazon Elastic Block Store (Amazon EBS) volume
- B. AWS CloudFormation template
- C. Amazon Elastic Block Store (Amazon EBS) snapshot
- D. Amazon Machine Image (AMI)

Correct Answer: D

Community vote distribution

D (75%)	B (25%)
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Which tasks are responsibilities of the customer, according to the AWS shared responsibility model? (Choose two.)

- A. Secure the virtualization layer.
- B. Encrypt data and maintain data integrity.
- C. Patch the Amazon RDS operating system.
- D. Maintain identity and access management controls.
- E. Secure Availability Zones.

Correct Answer: DE

Community vote distribution

BD (88%)	13%
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Which AWS service can convert text to lifelike speech?

- A. Amazon Polly
- B. Amazon Textract
- C. Amazon Transcribe
- D. Amazon Comprehend

Correct Answer: A

Community vote distribution

A (100%)

A company is planning to configure multi-factor authentication (MFA) for a business application. The company needs to use text messages to distribute one-time passwords to its customers worldwide.

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

- A. Amazon EventBridge (Amazon CloudWatch Events)
- B. AWS Identity and Access Management (IAM)
- C. Amazon Simple Notification Service (Amazon SNS)
- D. Amazon Connect

Correct Answer: C

Community vote distribution

C (75%)	B (25%)
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Which task is the responsibility of the customer, according to the AWS shared responsibility model?

- A. Patch the Amazon DynamoDB operating system.
- B. Secure Amazon CloudFront edge locations by allowing physical access according to the principle of least privilege.
- C. Protect the hardware that runs AWS services.
- D. Use AWS Identity and Access Management (IAM) according to the principle of least privilege.

Correct Answer: A

Community vote distribution

D (100%)

A company wants to deploy a highly available third-party firewall appliance.

Which AWS service or resource will support this task?

- A. AWS WAF
- B. AWS Security Hub
- C. AWS Firewall Manager
- D. Gateway Load Balancer

Correct Answer: A

Community vote distribution

D (100%)

Which of the following are customer responsibilities under the AWS shared responsibility model? (Choose 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

Correct Answer: BC

Community vote distribution

BC (100%)

Which AWS services and features are provided to all customers at no charge? (Choose two.)

- A. Amazon Aurora
- B. VPC
- C. Amazon SageMaker
- D. AWS Identity and Access Management (IAM)
- E. Amazon Polly

Correct Answer: DE

Community vote distribution

BD (88%)	13%
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Which AWS service is used to track, record, and audit configuration changes made to AWS resources?

- A. AWS Shield
- B. AWS Config
- C. AWS IAM
- D. Amazon Inspector

Correct Answer: B

Community vote distribution

B (100%)

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

Correct Answer: D

Community vote distribution

D (100%)

A company needs to configure rules to identify threats and protect applications from malicious network access.

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

- A. AWS Identity and Access Management (IAM)
- B. Amazon QuickSight
- C. AWS WAF
- D. Amazon Detective

Correct Answer: D

Community vote distribution

C (92%)	8%
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An ecommerce company is using Amazon EC2 Auto Scaling groups to manage a fleet of web servers running on Amazon EC2.

This architecture follows which AWS Well-Architected Framework best practice?

- A. Secure the workload
- B. Decouple infrastructure components
- C. Design for failure
- D. Think parallel

Correct Answer: B

Community vote distribution

C (100%)

Which AWS service provides machine learning capability to detect and analyze content in images and videos?

- A. Amazon Connect
- B. Amazon Lightsail
- C. Amazon Personalize
- D. Amazon Rekognition

Correct Answer: D

Community vote distribution

D (100%)

A newly created IAM user has no IAM policy attached.

What will happen when the user logs in and attempts to view the AWS resources in the account?

- A. All AWS services will be read-only access by default.
- B. Access to all AWS resources will be denied.
- C. Access to the AWS billing services will be allowed.
- D. Access to AWS resources will be allowed through the AWS CLI.

Correct Answer: A

Community vote distribution

B (100%)

A company wants to test mobile apps on a variety of popular mobile devices.

Which AWS service should the company use to achieve this goal?

- A. AWS IoT Core
- B. AWS Wavelength
- C. AWS Device Farm
- D. AWS Direct Connect

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service can report how AWS resource configurations have changed over time?

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

Correct Answer: C

Community vote distribution

C (100%)

A company wants to run its workload on Amazon EC2 instances for more than 1 year. This workload will run continuously.

Which option offers a discounted hourly rate compared to the hourly rate of On-Demand Instances?

- A. AWS Graviton processor
- B. Dedicated Hosts
- C. EC2 Instance Savings Plans
- D. Amazon EC2 Auto Scaling instances

Correct Answer: B

Community vote distribution

C (89%)	11%
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A company wants to establish a security layer in its VPC that will act as a firewall to control subnet traffic.

Which AWS service or feature will meet this requirement?

- A. Routing tables
- B. Network access control lists (network ACLs)
- C. Security groups
- D. Amazon GuardDuty

Correct Answer: B

Community vote distribution

B (100%)

How can an AWS user conduct security assessments of Amazon EC2 instances, NAT gateways, and Elastic Load Balancers in a way that is approved by AWS?

- A. Flood a target with requests.
- B. Use Amazon Inspector.
- C. Perform penetration testing.
- D. Use the AWS Service Health Dashboard.

Correct Answer: C

Community vote distribution

C (80%)	B (20%)
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A company wants to use a web browser to run, test, and debug AWS Lambda functions in an integrated development environment (IDE).

Which AWS service provides this functionality?

- A. AWS Cloud9
- B. Amazon CodeGuru
- C. AWS CodeDeploy
- D. AWS CodeCommit

Correct Answer: C

Community vote distribution

A (100%)

A company is running Amazon EC2 instances in a private subnet in a VPC.

Which AWS service or feature can provide the EC2 instances with network connections to the internet?

- A. Gateway endpoint
- B. NAT gateway
- C. Network Load Balancer
- D. Amazon Route 53

Correct Answer: B

Community vote distribution

B (100%)

An auditor needs to find out whether a specific AWS service is compliant with specific compliance frameworks.

Which AWS service will provide this information?

- A. AWS Artifact
- B. AWS Trusted Advisor
- C. Amazon GuardDuty
- D. AWS Certificate Manager (ACM)

Correct Answer: A

Community vote distribution

A (100%)

A company's information security manager is supervising a move to AWS and wants to ensure that AWS best practices are followed. The manager has concerns about the potential misuse of AWS account root user credentials.

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

- A. Allow only the manager to use the account root user credentials for normal activities.
- B. Use the account root user credentials only for Amazon EC2 instances from the AWS Free Tier.
- C. Use the account root user credentials only when they alone must be used to perform a required function.
- D. Use the account root user credentials only for the creation of private VPC subnets.

Correct Answer: C

Community vote distribution

C (100%)

A company wants to rotate, manage, and retrieve credentials that are used to access databases in the company's AWS account.

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

- A. AWS Secrets Manager
- B. AWS Security Hub
- C. AWS Shield
- D. AWS WAF

Correct Answer: A

Community vote distribution

A (100%)

A company needs the historical cost and service usage details of its Amazon EC2 instances.

Which AWS service or tool will provide this information?

- A. AWS Budgets
- B. Amazon Forecast
- C. AWS Cost Explorer
- D. AWS Pricing Calculator

Correct Answer: C

Community vote distribution

C (100%)

A company is planning to move data backups to the AWS Cloud. The company needs to replace on-premises storage with storage that is cloud-based but locally cached.

Which AWS service meets these requirements?

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

Correct Answer: D

Community vote distribution

A (100%)

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

- A. AWS manages all the security within the cloud.
- B. Expenses never change from month to month.
- C. Users can stop spending money on the maintenance of data centers.
- D. Users do not need to deploy applications globally.
- E. Users can stop guessing about resource capacity.

Correct Answer: AC

Community vote distribution

CE (100%)

A company has migrated its workload to AWS. The company wants to forecast the workload's costs for each quarter for the next year.

Which AWS service or tool provides this functionality?

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

Correct Answer: B

Community vote distribution

C (75%)

B (25%)

A company suspects that its AWS resources are being used for illegal activities.

Which AWS group or team should the company notify?

- A. AWS Abuse team
- B. AWS Support team
- C. AWS technical account managers
- D. AWS Professional Services team

Correct Answer: A

Community vote distribution

A (100%)

An application runs on multiple Amazon EC2 instances that access a shared file system simultaneously.

Which AWS storage service should be used?

- A. Amazon EBS
- B. Amazon EFS
- C. Amazon S3
- D. AWS Artifact

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service gives users the ability to provision a dedicated and private network connection from their internal network to AWS?

- A. AWS CloudHSM
- B. AWS Direct Connect
- C. AWS VPN
- D. Amazon Connect

Correct Answer: B

Community vote distribution

B (88%)

13%

Which of the following are economic benefits of using the AWS Cloud? (Choose 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

Correct Answer: AC

Community vote distribution

AC (100%)

A company wants an in-memory data store that is compatible with open source in the cloud.

Which AWS service should the company use?

- A. Amazon DynamoDB
- B. Amazon ElastiCache
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon Redshift

Correct Answer: B

Community vote distribution

B (100%)

What is the total volume of data that can be stored in Amazon S3?

- A. 10 PB
- B. 50 PB
- C. 100 PB
- D. Virtually unlimited

Correct Answer: D

Community vote distribution

D (100%)

Which AWS service gives a company the ability to use a private, dedicated connection between a VPC and an on-premises data center?

- A. AWS Direct Connect
- B. Amazon API Gateway
- C. AWS Systems Manager
- D. AWS Cloud Formation

Correct Answer: A

Community vote distribution

A (100%)

Which of the following will help a user determine if they need to request a VPC service limit increase?

- A. AWS Personal Health Dashboard
- B. AWS Trusted Advisor
- C. AWS Cost and Usage Report
- D. AWS Service Catalog

Correct Answer: A

Community vote distribution

B (100%)

If a company wants to build an interactive chatbot to make a call center more efficient, which AWS service should be used?

- A. Amazon Connect
- B. Amazon Lex
- C. Amazon Translate
- D. Amazon Polly

Correct Answer: B

Community vote distribution

B (100%)

A company wants to continuously improve processes and procedures to deliver business value.

Which pillar of the AWS Well-Architected Framework does this goal represent?

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

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service or feature can a company use to apply security rules to a subnet for Amazon EC2 instances?

- A. AWS WAF
- B. AWS Shield
- C. Network ACLs
- D. Security groups

Correct Answer: D

Community vote distribution

C (80%)

D (20%)

A developer needs to use a standardized template to create copies of a company's AWS architecture for development, test, and production environments.

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

- A. AWS Cloud Map
- B. AWS CloudFormation
- C. Amazon Cloud Front
- D. AWS CloudTrail

Correct Answer: B

Community vote distribution

B (100%)

A company needs to run a workload that requires low-latency access to an on-premises data center. The company wants a fully managed service to extend its existing VPC to local resources.

Which AWS service or resource should the company use?

- A. AWS Outposts
- B. Amazon Connect
- C. AWS Snowball Edge
- D. Amazon WorkLink

Correct Answer: A

Community vote distribution

A (100%)

A company is launching a new application in the AWS Cloud. The application will run on an Amazon EC2 instance. More EC2 instances will be needed when the workload increases.

Which AWS service or tool can the company use to launch the number of EC2 instances that will be needed to handle the workload?

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

Correct Answer: B

Community vote distribution

B (100%)

Which component of the AWS global infrastructure provides low-latency access to content in multiple geographic areas by storing copies of data close to end users?

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

Correct Answer: C

Community vote distribution

D (100%)

A company wants to migrate its Microsoft SQL Server database management system from on premises to the AWS Cloud.

Which AWS service should the company use to reduce management overhead for this environment?

- A. Amazon Elastic Container Service (Amazon ECS)
- B. Amazon SageMaker
- C. Amazon RDS
- D. Amazon Athena

Correct Answer: C

Community vote distribution

C (100%)

A cloud practitioner needs to design a NoSQL database that is highly scalable, is durable, and requires minimal maintenance.

Which AWS service meets these requirements?

- A. Amazon RDS for MySQL
- B. Microsoft SQL Server on Amazon EC2
- C. Amazon DynamoDB
- D. Amazon Redshift

Correct Answer: C

Community vote distribution

C (100%)

Which of the following are characteristics of AWS Regions and Availability Zones? (Choose two.)

- A. Regions bring AWS services to on-premises facilities.
- B. Regions consist of multiple Availability Zones.
- C. An Availability Zone contains several Regions.
- D. Regions are within 100 km (60 miles) of each other.
- E. Regions are located around the world.

Correct Answer: BE

Community vote distribution

BE (100%)

A company moves a workload to AWS to run on Amazon EC2 instances. The company needs to run the workload in the most cost-effective way.

What can the company do to meet this requirement?

- A. Use AWS Key Management Service (AWS KMS).
- B. Use multiple AWS accounts and consolidated billing.
- C. Use AWS CloudFormation to deploy the infrastructure.
- D. Rightsize all the EC2 instances that are used in the deployment.

Correct Answer: D

Community vote distribution

D (100%)

A company is building a business intelligence solution using Amazon Redshift. The company wants to use an AWS service to create interactive dashboards and not pay any upfront costs for it.

Which service should the company use?

- A. Amazon CloudWatch
- B. AWS Personal Health Dashboard
- C. AWS Service Catalog
- D. Amazon QuickSight

Correct Answer: D

Community vote distribution

D (100%)

A company wants to track its AWS account's service costs. The company also wants to receive notifications when costs are forecasted to reach a specific level.

Which AWS service or tool provides this functionality?

- A. AWS Budgets
- B. AWS Cost Explorer
- C. Savings Plans
- D. AWS Billing Conductor

Correct Answer: A

Community vote distribution

A (100%)

A company needs an AWS design solution for a distributed system. The system's components need to be set up so that one system component cannot negatively impact another component.

Which AWS architectural best practice will meet this requirement?

- A. Use request throttling
- B. Use a stateful service
- C. Implement automatic data backups
- D. Implement loose coupling

Correct Answer: B

Community vote distribution

D (100%)

A company needs an AWS design solution for a distributed system. The system's components need to be set up so that one system component cannot negatively impact another component.

Which AWS architectural best practice will meet this requirement?

- A. Use request throttling
- B. Use a stateful service
- C. Implement automatic data backups
- D. Implement loose coupling

Correct Answer: B

Community vote distribution

D (100%)

A company wants a service that will discover the company's sensitive data on AWS and identify potential exposure of the data.

Which AWS service will meet these requirements in the LEAST amount of time?

- A. AWS Glue
- B. Amazon Polly
- C. Amazon Macie
- D. AWS Secrets Manager

Correct Answer: C

Community vote distribution

C (100%)

A company's application stores data in an Amazon S3 bucket. The company has an AWS Lambda function that processes data in the S3 bucket. The company needs to invoke the function once a day at a specific time.

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

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

Correct Answer: A

Community vote distribution

C (100%)

A company's application has high customer usage during certain times of the day. The company wants to reduce the number of Amazon EC2 instances that run when application usage is low.

Which AWS service or instance purchasing option should the company use to meet this requirement?

- A. EC2 Instance Savings Plans
- B. Spot Instances
- C. Reserved Instances
- D. Amazon EC2 Auto Scaling

Correct Answer: D

Community vote distribution

D (100%)

A company has an application that uses AWS services. During scaling events, the company wants to keep application usage within AWS service quotas.

Which AWS services or tools can report on the quotas so that the company can improve the reliability of the application? (Choose two.)

- A. Service Quotas console
- B. AWS Trusted Advisor
- C. AWS Systems Manager
- D. AWS Shield
- E. AWS Cost Explorer

Correct Answer: AE

Community vote distribution

AB (100%)

A company with many remote global locations needs to upload 100 GB of data daily to its Amazon S3 data lake. The remote locations experience high latency uploading data and need to find a solution to improve performance.

Which AWS service or feature will meet these requirements?

- A. AWS Snowball
- B. AWS Storage Gateway
- C. AWS Database Migration Service (AWS DMS)
- D. S3 Transfer Acceleration

Correct Answer: B

Community vote distribution

D (55%)	B (36%)	9%
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A company is building an application that requires the ability to send, store, and receive messages between application components. The company has another requirement to process messages in first-in, first-out (FIFO) order.

Which AWS service should the company use?

- A. AWS Step Functions
- B. Amazon Simple Notification Service (Amazon SNS)
- C. Amazon Kinesis Data Streams
- D. Amazon Simple Queue Service (Amazon SQS)

Correct Answer: D

Community vote distribution

D (100%)

A company needs to implement an AWS data warehouse solution that can manage petabytes of data. A reporting application will perform online analytic processing (OLAP) queries on the data.

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

- A. Amazon Elastic File System (Amazon EFS)
- B. Amazon Redshift
- C. Amazon RDS for MySQL
- D. Amazon DynamoDB

Correct Answer: B

Community vote distribution

B (100%)

A company needs to centralize the periodic backups that are being created for Amazon EC2 instances and an Amazon Elastic File System (Amazon EFS) file system.

Which AWS service will meet this requirement with MINIMAL operational effort?

- A. Amazon S3
- B. AWS Data Pipeline
- C. AWS Backup
- D. AWS Storage Gateway

Correct Answer: C

Community vote distribution

C (100%)

A company wants to minimize network latency between its Amazon EC2 instances. The EC2 instances do not need to be highly available.

Which solution meets these requirements?

- A. Use EC2 instances in a single Availability Zone.
- B. Use EC2 instances in multiple AWS Regions.
- C. Use Amazon CloudFront with the EC2 instances configured as the source.
- D. Use EC2 instances in the same edge location and the same AWS Region.

Correct Answer: A

Community vote distribution

A (57%)

D (43%)

Which AWS service is suitable for an event-driven workload?

- A. Amazon EC2
- B. AWS Elastic Beanstalk
- C. AWS Lambda
- D. Amazon Lumberyard

Correct Answer: C

Community vote distribution

C (100%)

A company has a MySQL database running on a single Amazon EC2 instance. The company now requires higher availability in the event of an outage.

Which set of tasks would meet this requirement?

- 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.

Correct Answer: C

Community vote distribution

C (100%)

A user needs to perform a one-time backup of an Amazon Elastic Block Store (Amazon EBS) volume that is attached to an Amazon EC2 instance.

What is the MOST operationally efficient way to perform this backup?

- A. Attach another EBS volume to the EC2 instance, and copy the contents.
- B. Copy the EBS volume to a server that is running outside AWS and is connected with AWS Direct Connect.
- C. Create an EBS snapshot of the volume.
- D. Create a custom script to copy the EBS file contents to Amazon S3.

Correct Answer: C

Community vote distribution

C (100%)

Which tool should a developer use to integrate AWS service features directly into an application?

- A. AWS Software Development Kit
- B. AWS CodeDeploy
- C. AWS Lambda
- D. AWS Batch

Correct Answer: A

Community vote distribution

A (100%)

A company needs to identify its underutilized Amazon Elastic Block Store (Amazon EBS) volumes.

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

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

Correct Answer: B

Community vote distribution

B (100%)

A company that uses AWS needs to transfer 2 TB of data.

Which type of transfer of that data would result in no cost for the company?

- A. Inbound data transfer from the internet
- B. Outbound data transfer to the internet
- C. Data transfer between AWS Regions
- D. Data transfer between Availability Zones

Correct Answer: C

Community vote distribution

A (79%)

D (21%)

A company wants its Amazon EC2 instances to share the same geographic area but use multiple independent underlying power sources.

Which solution achieves this goal?

- A. Use EC2 instances in a single Availability Zone.
- B. Use EC2 instances in multiple AWS Regions.
- C. Use EC2 instances in multiple Availability Zones in the same AWS Region.
- D. Use EC2 instances in the same edge location and the same AWS Region.

Correct Answer: C

Community vote distribution

C (100%)

Which AWS service gives users the ability to deploy highly repeatable infrastructure configurations?

- A. AWS CloudFormation
- B. AWS CodeDeploy
- C. AWS CodeBuild
- D. AWS Systems Manager

Correct Answer: A

Community vote distribution

A (100%)

Which AWS service or tool inspects a user's AWS environment and makes recommendations for cost savings and system performance improvements?

- A. Cost Explorer
- B. AWS Trusted Advisor
- C. Amazon Inspector
- D. AWS Budgets

Correct Answer: B

Community vote distribution

B (100%)

A company has deployed its publicly accessible application in two different AWS Regions. The company has designated one Region as primary and the other Region as secondary for disaster recovery purposes.

Which AWS service or resource can automatically divert all incoming application requests to the secondary Region?

- A. Application Load Balancer
- B. Amazon Route 53
- C. AWS Direct Connect
- D. AWS VPN

Correct Answer: B

Community vote distribution

B (90%)

10%

A company uses Amazon WorkSpaces.

Which task is the responsibility of AWS, according to the AWS shared responsibility model?

- A. Set up multi-factor authentication (MFA) for each WorkSpaces user account.
- B. Ensure the environmental safety and security of the AWS infrastructure that hosts WorkSpaces.
- C. Provide security for WorkSpaces user accounts through AWS Identity and Access Management (IAM).
- D. Configure AWS CloudTrail to log API calls and user activity.

Correct Answer: B

Community vote distribution

B (67%)

C (33%)

A security engineer wants a single-tenant AWS solution to create, control, and manage their own cryptographic keys to meet regulatory compliance requirements for data security.

Which AWS service should the engineer use?

- A. AWS Key Management Service (AWS KMS)
- B. AWS Certificate Manager (ACM)
- C. AWS CloudHSM
- D. AWS Systems Manager

Correct Answer: A

Community vote distribution

C (100%)

A company is designing an identity access management solution for an application. The company wants users to be able to use their social media, email, or online shopping accounts to access the application.

Which AWS service provides this functionality?

- A. AWS IAM Identity Center (AWS Single Sign-On)
- B. AWS Config
- C. Amazon Cognito
- D. AWS Identity and Access Management (IAM)

Correct Answer: C

Community vote distribution

C (100%)

Which option is the default pricing model for Amazon EC2 instances?

- A. On-Demand Instances
- B. Savings Plans
- C. Spot instances
- D. Reserved Instances

Correct Answer: A

Community vote distribution

A (100%)

Which AWS service gives users the ability to combine existing accounts into a centrally managed hierarchy?

- A. AWS Organizations
- B. AWS Identity and Access Management (IAM)
- C. AWS Config
- D. Amazon Inspector

Correct Answer: A

Community vote distribution

A (100%)

Who enables encryption of data at rest for Amazon Elastic Block Store (Amazon EBS)?

- A. AWS Support
- B. AWS customers
- C. AWS Key Management Service (AWS KMS)
- D. AWS Trusted Advisor

Correct Answer: C

Community vote distribution

B (80%)

C (20%)

Which AWS design principle emphasizes the reduction of interdependencies between components of an application?

- A. Scalability
- B. Loose coupling
- C. Automation
- D. Caching

Correct Answer: A

Community vote distribution

B (100%)

A company is developing an application that uses multiple AWS services. The application needs to use temporary, limited-privilege credentials for authentication with other AWS APIs.

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

- A. Amazon API Gateway
- B. IAM users
- C. AWS Security Token Service (AWS STS)
- D. IAM instance profiles

Correct Answer: C

Which AWS service or feature offers HTTP attack protection to users running public-facing web applications?

- A. Security groups
- B. Network ACLs
- C. AWS WAF
- D. AWS Shield Standard

Correct Answer: D

Community vote distribution

C (100%)

A company wants to troubleshoot and debug a serverless application that is deployed in the AWS Cloud.

Which AWS service should the company use to achieve this goal?

- A. AWS Config
- B. AWS CloudFormation
- C. AWS X-Ray
- D. AWS CloudTrail

Correct Answer: C

Community vote distribution

C (100%)

A company needs to connect multiple VPCs and on-premises networks through a single network connection to the AWS Cloud.

Which solution meets this requirement?

- A. AWS Transit Gateway
- B. AWS Direct Connect
- C. VPC peering
- D. AWS Client VPN

Correct Answer: C

Community vote distribution

A (100%)

A company needs to continuously monitor its environment to analyze network and account activity and identify potential security threats.

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

- A. AWS Artifact
- B. Amazon Macie
- C. AWS Identity and Access Management (IAM)
- D. Amazon GuardDuty

Correct Answer: D

Community vote distribution

D (100%)

Which AWS network services or features allow CIDR block notation when providing an IP address range? (Choose two.)

- A. Security groups
- B. Amazon Machine Image (AMI)
- C. Network access control list (network ACL)
- D. AWS Budgets
- E. Amazon Elastic Block Store (Amazon EBS)

Correct Answer: AC

Community vote distribution

AC (100%)

A company is designing workloads in the AWS Cloud. The company wants the workloads to perform their intended function correctly and consistently throughout their lifecycle.

Which pillar of the AWS Well-Architected Framework does this goal represent?

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

Correct Answer: C

A cloud practitioner needs to apply security rules to a subnet for Amazon EC2 instances.

Which AWS service or feature can the cloud practitioner use to meet this requirement?

- A. AWS WAF
- B. Network ACLs
- C. Security groups
- D. AWS Managed Services (AMS)

Correct Answer: C

Community vote distribution

B (100%)

Who is responsible for decommissioning end-of-life underlying storage devices that are used to host data on AWS?

- A. Customer
- B. AWS
- C. Account creator
- D. Auditing team

Correct Answer: B

Community vote distribution

B (80%) A (20%)

A large company wants to track the combined AWS usage costs of all of its linked accounts.

How can this be accomplished?

- A. Use AWS Trusted Advisor to generate customized summary reports.
- B. Use AWS Organizations to generate consolidated billing reports.
- C. Use AWS Budgets to set utilization targets and receive summary reports.
- D. Use the AWS Control Tower dashboard to get a summary report of all linked account costs.

Correct Answer: B

A company is exploring the use of the AWS Cloud, and needs to create a cost estimate for a project before the infrastructure is provisioned.

Which AWS service or feature can be used to estimate costs before deployment?

- A. AWS Free Tier
- B. AWS Pricing Calculator
- C. AWS Billing and Cost Management
- D. AWS Cost and Usage Report

Correct Answer: B

A company runs thousands of simultaneous simulations using AWS Batch. Each simulation is stateless, is fault tolerant, and runs for up to 3 hours.

Which pricing model enables the company to optimize costs and meet these requirements?

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

Correct Answer: B

Community vote distribution

B (100%)

A company is storing sensitive customer data in an Amazon S3 bucket. The company wants to protect the data from accidental deletion or overwriting.

Which S3 feature should the company use to meet these requirements?

- A. S3 Lifecycle rules
- B. S3 Versioning
- C. S3 bucket policies
- D. S3 server-side encryption

Correct Answer: B

Community vote distribution

B (50%)

C (50%)

A company is running applications on Amazon EC2 instances in the same AWS account for several different projects. The company wants to track the infrastructure costs for each of the projects separately. The company must conduct this tracking with the least possible impact to the existing infrastructure and with no additional cost.

What should the company do to meet these requirements?

- A. Use a different EC2 instance type for each project.
- B. Publish project-specific custom Amazon CloudWatch metrics for each application.
- C. Deploy EC2 instances for each project in a separate AWS account.
- D. Use cost allocation tags with values that are specific to each project.

Correct Answer: D

Community vote distribution

D (100%)

Which feature of the AWS Cloud gives users the ability to pay based on current needs rather than forecasted needs?

- A. AWS Budgets
- B. Pay-as-you-go pricing
- C. Volume discounts
- D. Savings Plans

Correct Answer: B

Community vote distribution

B (100%)

What can a user accomplish using AWS CloudTrail?

- A. Generate an IAM user credentials report.
- B. Record API calls made to AWS services.
- C. Assess the compliance of AWS resource configurations with policies and guidelines.
- D. Ensure that Amazon EC2 instances are patched with the latest security updates.

Correct Answer: B

Community vote distribution

B (100%)

Which AWS service or tool can be used to consolidate payments for a company with multiple AWS accounts?

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

Correct Answer: B

A company wants to set AWS spending targets and track costs against those targets.

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

- A. AWS Cost Explorer
- B. AWS Budgets
- C. AWS Cost and Usage Report
- D. Savings Plans

Correct Answer: C

Which Amazon Route 53 routing policy can a company use to route traffic to multiple resources in specified proportions?

- A. Weighted routing policy
- B. Multivalue answer routing policy
- C. Failover routing policy
- D. Latency routing policy

Correct Answer: A

Which AWS solution gives companies the ability to use protocols such as NFS to store and retrieve objects in Amazon S3?

- A. Amazon FSx for Lustre
- B. AWS Storage Gateway volume gateway
- C. AWS Storage Gateway file gateway
- D. Amazon Elastic File System (Amazon EFS)

Correct Answer: C

Which AWS service provides a scalable data warehouse solution?

- A. Amazon S3
- B. Amazon DynamoDB
- C. Amazon Kinesis Data Streams
- D. Amazon Redshift

Correct Answer: D

A company has two AWS accounts in an organization in AWS Organizations for consolidated billing. All of the company's AWS resources are hosted in one AWS Region.

Account A has purchased five Amazon EC2 Standard Reserved Instances (RIs) and has four EC2 instances running. Account B has not purchased any RIs and also has four EC2 instances running.

Which statement is true regarding pricing for these eight instances?

- A. The eight instances will be charged as regular instances.
- B. Four instances will be charged as RIs, and four will be charged as regular instances.
- C. Five instances will be charged as RIs, and three will be charged as regular instances.
- D. The eight instances will be charged as RIs.

Correct Answer: C

A company is using Amazon DynamoDB.

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

- A. Patch the operating system.
- B. Provision hosts.
- C. Manage database access permissions.
- D. Secure the operating system.

Correct Answer: C

A company is using AWS Lambda functions to build an application.

Which tasks are the company's responsibility, according to the AWS shared responsibility model? (Choose two.)

- A. Patch the servers where the Lambda functions are deployed.
- B. Establish the IAM permissions that define who can run the Lambda functions.
- C. Write the code for the Lambda functions to define the application logic.
- D. Deploy Amazon EC2 instances to support the Lambda functions.
- E. Scale out the Lambda functions when the load increases.

Correct Answer: BC

Which of the following services is a fully managed AWS service that a company's employees can use to access applications through a virtual interface?

- A. Amazon EC2
- B. AWS Elastic Beanstalk
- C. Amazon AppStream 2.0
- D. AWS Lambda

Correct Answer: C

A company is running a web application on Amazon EC2 instances. The company wants the application's compute capacity to automatically adjust to meet customer demand.

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

- A. AWS Compute Optimizer
- B. AWS Auto Scaling
- C. AWS Launch Wizard
- D. AWS AppConfig

Correct Answer: B

Which AWS Cloud design principle is a company using when the company implements AWS CloudTrail?

- A. Activate traceability.
- B. Use serverless compute architectures.
- C. Perform operations as code.
- D. Go global in minutes.

Correct Answer: A

A company wants to manage its infrastructure as code in the AWS Cloud.

Which AWS service meets this requirement?

- A. AWS CloudFormation
- B. AWS Elastic Beanstalk
- C. AWS Cloud9
- D. AWS CloudShell

Correct Answer: B

Which activity can companies complete by using AWS Organizations?

- A. Troubleshoot the performance of applications.
- B. Manage service control policies (SCPs).
- C. Migrate applications to microservices.
- D. Monitor the performance of applications.

Correct Answer: D

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

- A. Patch AWS network devices.
- B. Set user password rules.
- C. Provide physical security for compute resources.
- D. Configure security groups.
- E. Patch the operating system of an Amazon EC2 instance.

Correct Answer: CE

A system administrator wants to allow IT department users to access the AWS CLI.

What is the MINIMUM credential that is required to achieve this goal?

- A. Multi-factor authentication (MFA) code
- B. Key pair
- C. IAM user name and password
- D. AWS access keys

Correct Answer: C

Which encryption types can be used to protect objects at rest in Amazon S3? (Choose two.)

- A. Server-side encryption with Amazon S3 managed encryption keys (SSE-S3)
- B. Server-side encryption with AWS KMS managed keys (SSE-KMS)
- C. TLS
- D. SSL
- E. Transparent Data Encryption (TDE)

Correct Answer: CD

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

- A. High availability
- B. Performance efficiency
- C. Cost optimization
- D. Going global in minutes
- E. Continuous development

Correct Answer: BC

A company is building a new application on AWS. The company needs the application to remain available if an individual application component fails.

Which design principle should the company use to meet this requirement?

- A. Disposable resources
- B. Automation
- C. Rightsizing
- D. Loose coupling

Correct Answer: B

Which component of the AWS global infrastructure does Amazon CloudFront use to speed up the delivery of content to users across the world?

- A. Amazon VPC
- B. Edge location
- C. Local Zone
- D. AWS Outposts connection

Correct Answer: B

A company wants to use Amazon EC2 instances to provide a static website to users all over the world. The company needs to minimize latency for the users.

Which solution meets these requirements?

- A. Use EC2 instances in a single Availability Zone.
- B. Use EC2 instances across multiple Availability Zones in the same AWS Region.
- C. Use Amazon CloudFront with the EC2 instances configured as the source.
- D. Use EC2 instances in the same edge location and the same AWS Region.

Correct Answer: D

An ecommerce application uses Java Message Service (JMS) messaging to communicate between its fulfillment center and the application after an order has been placed. The company wants to migrate its messaging application to AWS. The company also wants to minimize the effort used to rewrite the messaging code.

Which AWS service will meet these requirements?

- A. Amazon Simple Notification Service (Amazon SNS)
- B. Amazon Simple Email Service (Amazon SES)
- C. Amazon Pinpoint
- D. Amazon MQ

Correct Answer: B

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

- A. Scale globally in minutes.
- B. Adopt a consumption model.
- C. Automatically recover from failure.
- D. Make frequent, small, reversible changes.

Correct Answer: B

Which AWS service should a cloud engineer use to view API calls to AWS services?

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

Correct Answer: B

A company wants to use Amazon EC2 instances to run a stateless and restartable process after business hours.

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

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

Correct Answer: A

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

- A. Protect the global infrastructure that runs all of the services offered in the AWS Cloud.
- B. Configure logical access controls for resources, and protect account credentials.
- C. Configure the security used by managed services.
- D. Patch and back up Amazon Aurora.

Correct Answer: A

A cloud engineer wants to store data in Amazon S3. The engineer will access some of the data yearly and some of the data daily.

Which S3 storage class will meet those requirements MOST cost-effectively?

- A. S3 Standard
- B. S3 Glacier Deep Archive
- C. S3 One Zone-Infrequent Access (S3 One Zone-IA)
- D. S3 Intelligent-Tiering

Correct Answer: C

A user is using AWS account root user credentials to try to close an AWS account that is managed by AWS Organizations. However, the attempt is unsuccessful.

What could cause this attempt to be unsuccessful?

- A. No multi-factor authentication (MFA) has been configured.
- B. The root user is not specifically assigned to the administration group.
- C. The root user's password does not meet the minimum password complexity requirements.
- D. The organizational administrator has used a service control policy (SCP) to limit the root user permissions.

Correct Answer: D

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- D. The organizational administrator has used a service control policy (SCP) to limit the root user permissions.

Correct Answer: D

A company recently migrated to the AWS Cloud. The company needs to determine whether its newly imported Amazon EC2 instances are the appropriate size and type.

Which AWS services can provide this information to the company? (Choose two.)

- A. AWS Auto Scaling
- B. AWS Control Tower
- C. AWS Trusted Advisor
- D. AWS Compute Optimizer
- E. Amazon Forecast

Correct Answer: CD

A company is using a third-party service to back up 10 TB of data to a tape library. The on-premises backup server is running out of space. The company wants to use AWS services for the backups without changing its existing backup workflows.

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

- A. Amazon Elastic Block Store (Amazon EBS)
- B. AWS Storage Gateway
- C. Amazon Elastic Container Service (Amazon ECS)
- D. AWS Lambda

Correct Answer: D

Which actions represent best practices for using AWS IAM? (Choose 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.

Correct Answer: AD

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

- A. Resource scalability
- B. Performance efficiency
- C. System elasticity
- D. Agile development
- E. Operational excellence

Correct Answer: BC

A company has a business-critical Amazon RDS for MySQL DB instance that resides in a single Availability Zone.

Which solution will improve the availability of the DB instance?

- 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.

Correct Answer: D

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Which solution will improve the availability of the DB instance?

- 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.

Correct Answer: D

A company is running a monolithic on-premises application that does not scale and is difficult to maintain. The company has a plan to migrate the application to AWS and divide the application into microservices.

Which best practice of the AWS Well-Architected Framework is the company following with this plan?

- A. Integrate functional testing as part of AWS deployment.
- B. Use automation to deploy changes.
- C. Deploy the application to multiple locations.
- D. Implement loosely coupled dependencies.

Correct Answer: A

Which of the following is a benefit of using an AWS managed service?

- A. Reduced operational overhead for a company's IT staff
- B. Increased fixed costs that can be predicted by a finance team
- C. Removal of the need to have a backup strategy
- D. Removal of the need to follow compliance standards

Correct Answer: B

A company that has multiple AWS accounts wants to reduce its recurring cloud costs. The company is using AWS Organizations.

Which AWS tool or feature will share volume pricing discounts and Savings Plans among accounts?

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

Correct Answer: B

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Correct Answer: B

What does the concept of agility mean in AWS Cloud computing? (Choose two.)

- A. The speed at which AWS resources are implemented
- B. The speed at which AWS creates new AWS Regions
- C. The ability to experiment quickly
- D. The elimination of wasted capacity
- E. The low cost of entry into cloud computing

Correct Answer: DE

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- E. The low cost of entry into cloud computing

Correct Answer: DE

Which AWS services or features can control VPC traffic? (Choose two.)

- A. Security groups
- B. AWS Direct Connect
- C. Amazon GuardDuty
- D. Network ACLs
- E. Amazon Connect

Correct Answer: AB

A company wants to build an application for a new line of business.

According to the AWS Well-Architected Framework, what design principles should be implemented? (Choose 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.

Correct Answer: CE

An application is receiving SQL injection attacks from multiple external resources.

Which AWS service or feature can help automate mitigation against these attacks?

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

Correct Answer: A

Which benefit of AWS Cloud computing provides lower latency between users and applications?

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

Correct Answer: C

A cloud practitioner is analyzing Amazon EC2 instance performance and usage to provide recommendations for potential cost savings.

Which cloud concept does this analysis demonstrate?

- A. Auto scaling
- B. Rightsizing
- C. Load balancing
- D. High availability

Correct Answer: B

A company needs to store source code. The source code must be accessible over the internet.

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

- A. AWS CodeDeploy
- B. AWS CodeStar
- C. AWS CodeCommit
- D. Amazon CodeGuru

Correct Answer: B

A company is migrating its workloads to the AWS Cloud. The company must retain full control of patch management for the guest operating systems that host its applications.

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

- A. Amazon DynamoDB
- B. Amazon EC2
- C. AWS Lambda
- D. Amazon RDS

Correct Answer: A

A company must compare the cost of running a MySQL database on an Amazon EC2 instance and Amazon RDS DB instance.

Which AWS service or tool should the company use?

- A. AWS Budgets
- B. AWS Control Tower
- C. AWS Outposts
- D. AWS Pricing Calculator

Correct Answer: B

A company needs to use standard SQL to query and combine exabytes of structured and semi-structured data across a data warehouse, operational database, and data lake.

Which AWS service meets these requirements?

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

Correct Answer: B

A company website is experiencing DDoS attacks.

Which AWS service can help protect the company website against these attacks?

- A. AWS Resource Access Manager
- B. AWS Amplify
- C. AWS Shield
- D. Amazon GuardDuty

Correct Answer: D

A batch workload takes 5 hours to finish on an Amazon EC2 instance. The amount of data to be processed doubles monthly and the processing time is proportional.

What is the best cloud architecture to address this consistently growing 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.

Correct Answer: C

A company is building a serverless architecture that connects application data from multiple data sources. The company needs a solution that does not require additional code.

Which AWS service meets these requirements?

- A. AWS Lambda
- B. Amazon Simple Queue Service (Amazon SQS)
- C. Amazon CloudWatch
- D. Amazon EventBridge

Correct Answer: B

Which AWS Cloud service can send alerts to customers if custom spending thresholds are exceeded?

- A. AWS Budgets
- B. AWS Cost Explorer
- C. AWS Cost Allocation Tags
- D. AWS Organizations

Correct Answer: A

In which of the following AWS services should database credentials be stored for maximum security?

- A. AWS Identity and Access Management (IAM)
- B. AWS Secrets Manager
- C. Amazon S3
- D. AWS Key Management Service (AWS KMS)

Correct Answer: B

How does AWS Cloud computing help businesses reduce costs? (Choose two.)

- A. AWS charges the same prices for services in every AWS Region.
- B. AWS enables capacity to be adjusted on demand.
- C. AWS offers discounts for Amazon EC2 instances that remain idle for more than 1 week.
- D. AWS does not charge for data sent from the AWS Cloud to the internet.
- E. AWS eliminates many of the costs of building and maintaining on-premises data centers.

Correct Answer: CD

A company has identified a high-risk network security issue during an AWS Well-Architected review. The company needs a managed solution that the company can use to deploy essential network protections for all of its VPCs.

Which AWS service or feature meets these requirements?

- A. Security groups
- B. Network ACLs
- C. AWS Network Firewall
- D. Amazon VPC Network Access Analyzer

Correct Answer: A

A company is running a critical workload on an Amazon RDS DB instance. The company needs the DB instance to be highly available with a recovery time of less than 5 minutes.

Which solution will meet these requirements?

- A. Create a read replica of the DB instance.
- B. Create a template of the DB instance by using AWS CloudFormation.
- C. Take frequent snapshots of the DB instance. Store the snapshots in Amazon S3.
- D. Modify the DB instance to be a Multi-AZ deployment.

Correct Answer: D

A company runs an application in the AWS Cloud. The levels of traffic to the application vary throughout the week. The company wants to increase the reliability of its application at all times, even during times of high traffic.

Which combination of steps will meet this requirement? (Choose two.)

- A. Test recovery procedures.
- B. Purchase instances weekly based on the previous week's high traffic points.
- C. Handle software failures automatically.
- D. Scale the application vertically.
- E. Make all changes in the environment manually.

Correct Answer: AD

A company needs to reserve a certain amount of Amazon EC2 compute resources in a specific Availability Zone within an AWS Region.

Which purchasing option should the company use to meet this requirement?

- A. EC2 Instance Savings Plans
- B. Compute Savings Plans
- C. Regional Reserved Instances
- D. Zonal Reserved Instances

Correct Answer: C

Which AWS database service provides in-memory data storage?

- A. Amazon DynamoDB
- B. Amazon ElastiCache
- C. Amazon RDS
- D. Amazon Timestream

Correct Answer: B

A company is running a workload in the AWS Cloud.

Which AWS best practice ensures the MOST cost-effective architecture for the workload?

- A. Loose coupling
- B. Rightsizing
- C. Caching
- D. Redundancy

Correct Answer: D

Which AWS service gives users the ability to build interactive business intelligence dashboards that include machine learning insights?

- A. Amazon Athena
- B. Amazon Kendra
- C. Amazon QuickSight
- D. Amazon Redshift

Correct Answer: D

Which of the following is entirely the responsibility of AWS, according to the AWS shared responsibility model?

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

Correct Answer: C

Which AWS service allows users to model and provision AWS resources using common programming languages?

- A. AWS CloudFormation
- B. AWS CodePipeline
- C. AWS Cloud Development kit (AWS CDK)
- D. AWS Systems Manager

Correct Answer: C

A company plans to move its test workloads to Amazon EC2. The test workloads can be interrupted and are not required to start at a particular time.

Which EC2 instance purchasing option is MOST cost-effective for this use case?

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

Correct Answer: A

A company wants to set up a secure network connection from on premises to the AWS Cloud within 1 week.

Which solution will meet these requirements?

- A. AWS Direct Connect
- B. Amazon VPC
- C. AWS Site-to-Site VPN
- D. Edge location

Correct Answer: B

A company needs to create and manage a portfolio of IT workloads that the company approves for use on AWS.

Which AWS service provides this functionality?

- A. AWS Config
- B. AWS Service Catalog
- C. AWS Systems Manager
- D. AWS CloudFormation

Correct Answer: B

A user needs a dedicated private connection between a colocation facility and a VPC.

Which AWS service or feature should the user choose?

- A. AWS VPN
- B. AWS PrivateLink
- C. AWS Direct Connect
- D. AWS Client VPN

Correct Answer: C

A company needs a solution that can provide automated notifications and perform automated actions if the company's monthly AWS costs exceed a specific threshold.

Which AWS service or tool provides this functionality?

- A. AWS Budgets
- B. AWS Cost Explorer
- C. AWS Trusted Advisor
- D. Amazon Inspector

Correct Answer: A

A company needs to monitor compute usage and receive an email message notification every time an Amazon EC2 instance starts or stops.

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

- A. Amazon EventBridge
- B. Amazon WorkMail
- C. Amazon Simple Email Service (Amazon SES)
- D. AWS Trusted Advisor

Correct Answer: C

A company wants to host its relational databases on AWS. The databases have predefined schemas that the company needs to replicate on AWS.

Which AWS services could the company use for the databases? (Choose two.)

- A. Amazon Aurora
- B. Amazon RDS
- C. Amazon DocumentDB (with MongoDB compatibility)
- D. Amazon Neptune
- E. Amazon DynamoDB

Correct Answer: BD

A company runs an ecommerce website that is hosted on AWS. External auditors have requested proof that the AWS services that the company uses are compliant with the Payment Card Industry Data Security Standard (PCI DSS).

Which AWS service will provide this information?

- A. AWS Certificate Manager (ACM)
- B. AWS Artifact
- C. AWS License Manager
- D. AWS CloudTrail

Correct Answer: B

A company uses Amazon Aurora as its database service. The company wants to encrypt its databases and database backups.

Which party manages the encryption of the database clusters and database snapshots, according to the AWS shared responsibility model?

- A. AWS
- B. The company
- C. AWS Marketplace partners
- D. Third-party partners

Correct Answer: A

An application is running on multiple Amazon EC2 instances. The company wants to make the application highly available by configuring a load balancer with requests forwarded to the EC2 instances based on URL paths.

Which AWS load balancer will meet these requirements and take the LEAST amount of effort to deploy?

- A. Network Load Balancer
- B. Application Load Balancer
- C. AWS OpsWorks Load Balancer
- D. Custom Load Balancer on Amazon EC2

Correct Answer: A

A developer is writing a program that must switch between multiple IAM roles.

Which AWS services or features can the program use to meet this requirement? (Choose two.)

- A. AWS CLI
- B. AWS Security Token Service (AWS STS) API
- C. IAM inline policies
- D. AWS Organizations
- E. AWS Trusted Advisor

Correct Answer: AC

Which of the following is a benefit of operating in the AWS Cloud?

- A. The ability to migrate on-premises network devices to the AWS Cloud
- B. The ability to expand compute, storage, and memory when needed
- C. The ability to host custom hardware in the AWS Cloud
- D. The ability to customize the underlying hypervisor layer for Amazon EC2

Correct Answer: C

Which AWS service is designed to help users orchestrate a workflow process for a set of AWS Lambda functions?

- A. Amazon DynamoDB
- B. AWS CodePipeline
- C. AWS Batch
- D. AWS Step Functions

Correct Answer: D

Which AWS service can a company use to control permissions to AWS services in the cloud?

- A. Amazon EC2
- B. AWS Lambda
- C. Amazon Elastic Container Service (Amazon ECS)
- D. AWS Identity and Access Management (IAM)

Correct Answer: D

A user has a stateless and restartable application that will run on an Amazon EC2 instance for 2 hours at a time.

Which purchase option is the MOST cost-effective?

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

Correct Answer: A

A company provides a software as a service (SaaS) application. The company has a new customer that is based in a different country. The new customer's data needs to be hosted in that country.

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

- A. AWS Shield
- B. Amazon S3 Object Lock
- C. AWS Regions
- D. Placement groups

Correct Answer: C

Which AWS service is used to temporarily provide federated security credentials to access AWS resources?

- A. Amazon GuardDuty
- B. AWS Simple Token Service (AWS STS)
- C. AWS Secrets Manager
- D. AWS Certificate Manager

Correct Answer: B

Which option is an AWS Cloud Adoption Framework (AWS CAF) perspective?

- A. Cloud fluency
- B. Change acceleration
- C. Architecture
- D. Business

Correct Answer: D

A company needs to centralize its operational data. The company also needs to automate tasks across all of its Amazon EC2 instances.

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

- A. AWS Trusted Advisor
- B. AWS Systems Manager
- C. AWS CodeDeploy
- D. AWS Elastic Beanstalk

Correct Answer: *B*

In which categories does AWS Trusted Advisor provide recommended actions? (Choose two.)

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

Correct Answer: *BD*

An online retail company recently deployed a production web application. The system administrator needs to block common attack patterns such as SQL injection and cross-site scripting.

Which AWS service should the administrator use to address these concerns?

- A. AWS WAF
- B. Amazon VPC
- C. Amazon GuardDuty
- D. Amazon CloudWatch

Correct Answer: *A*

Which AWS service, tool, or feature helps companies reduce costs by identifying underutilized Amazon EC2 instances?

- A. Amazon Inspector
- B. AWS Trusted Advisor
- C. Consolidated billing
- D. Cost Explorer

Correct Answer: B

Which AWS service is an in-memory data store service?

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

Correct Answer: D

A company needs to use a serverless interactive query service to analyze data in Amazon S3. The query service must support standard SQL.

Which AWS service will meet these requirements?

- A. Amazon Redshift
- B. AWS Glue
- C. Amazon Athena
- D. Amazon Kinesis Data Streams

Correct Answer: C

A company has an application that runs periodically in an on-premises environment. The application runs for a few hours most days, but runs for 8 hours a day for a week at the end of each month.

Which AWS service or feature should be used to host the application in the AWS Cloud?

- A. Amazon EC2 Standard Reserved Instances
- B. Amazon EC2 On-Demand Instances
- C. AWS Wavelength
- D. Application Load Balancer

Correct Answer: B

Which AWS service or tool should a company use to forecast AWS spending?

- A. Amazon DevPay
- B. AWS Organizations
- C. AWS Trusted Advisor
- D. Cost Explorer

Correct Answer: D

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

- A. Patch an Amazon EC2 instance operating system.
- B. Configure a security group.
- C. Monitor the health of an Availability Zone.
- D. Protect the infrastructure that runs Amazon EC2 instances.
- E. Manage access to the data in an Amazon S3 bucket.

Correct Answer: CD

A company has set up a VPC in its AWS account and has created a subnet in the VPC. The company wants to make the subnet public.

Which AWS features should the company use to meet this requirement? (Choose two.)

- A. Amazon VPC internet gateway
- B. Amazon VPC NAT gateway
- C. Amazon VPC route tables
- D. Amazon VPC network ACL
- E. Amazon EC2 security groups

Correct Answer: AC

Which database engines does Amazon Aurora support? (Choose two.)

- A. Oracle
- B. Microsoft SQL Server
- C. MySQL
- D. PostgreSQL
- E. MongoDB

Correct Answer: CD

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

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

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

Correct Answer: D

Which AWS service or tool does AWS Control Tower use to create resources?

- A. AWS CloudFormation
- B. AWS Trusted Advisor
- C. AWS Directory Service
- D. AWS Cost Explorer

Correct Answer: A

Which AWS services are delivered globally instead of regionally? (Choose two.)

- A. Amazon EC2
- B. Amazon CloudFront
- C. Amazon Route 53
- D. Amazon VPC
- E. Amazon RDS

Correct Answer: BC

A company's user base needs to remotely access virtual desktop computers from the internet.

Which AWS service provides this functionality?

- A. Amazon Connect
- B. Amazon Cognito
- C. Amazon Workspaces
- D. Amazon AppStream 2.0

Correct Answer: C

A company wants to receive alerts to monitor its overall operating costs for its AWS public cloud infrastructure.

Which AWS offering will meet these requirements?

- A. Amazon EventBridge
- B. Compute Savings Plans
- C. AWS Budgets
- D. Migration Evaluator

Correct Answer: C

A company wants its AWS usage to be more sustainable. The company wants to track, measure, review, and forecast polluting emissions that result from its AWS applications.

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

- A. AWS Health Dashboard
- B. AWS customer carbon footprint tool
- C. AWS Support Center
- D. Amazon QuickSight

Correct Answer: B

A company wants its workload to perform consistently and correctly.

Which benefit of AWS Cloud computing does this goal represent?

- A. Security
- B. Elasticity
- C. Pay-as-you-go pricing
- D. Reliability

Correct Answer: D

A company needs a quick estimate of the cost to run 100 Amazon EC2 instances with AWS Business Support.

Which tool should the company use to generate the estimate?

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

Correct Answer: C

A company wants to give its customers the ability to view specific data that is hosted in Amazon S3 buckets. The company wants to keep control over the full datasets that the company shares with the customers.

Which S3 feature will meet these requirements?

- A. S3 Storage Lens
- B. S3 Cross-Region Replication (CRR)
- C. S3 Versioning
- D. S3 Access Points

Correct Answer: D

A company needs to optimize the cost of its compute resources.

Which type of workload should the company run on Amazon EC2 Reserved Instances?

- A. A steady-state workload that requires a particular EC2 instance configuration for a long period of time
- B. A short-term workload that can be interrupted
- C. A steady-state workload that does not require a long-term commitment
- D. A short-term workload that cannot be interrupted

Correct Answer: A

Which AWS service provides a highly accurate and easy-to-use enterprise search service that is powered by machine learning (ML)?

- A. Amazon Kendra
- B. Amazon SageMaker
- C. Amazon Augmented AI (Amazon A2I)
- D. Amazon Polly

Correct Answer: A

Which benefit of the AWS Cloud helps companies achieve lower usage costs because of the aggregate usage of all AWS users?

- A. No need to guess capacity
- B. Ability to go global in minutes
- C. Economies of scale
- D. Increased speed and agility

Correct Answer: C

Which AWS service or feature is associated with a subnet in a VPC and is used to control inbound and outbound traffic?

- A. Amazon Inspector
- B. Network ACLs
- C. AWS Shield
- D. VPC Flow Logs

Correct Answer: B

A company needs to securely store important credentials that an application uses to connect users to a database.

Which AWS service can meet this requirement with the MINIMAL amount of operational overhead?

- A. AWS Key Management Service (AWS KMS)
- B. AWS Config
- C. AWS Secrets Manager
- D. Amazon GuardDuty

Correct Answer: C

A company wants to use the latest technologies and wants to minimize its capital investment. Instead of upgrading on-premises infrastructure, the company wants to move to the AWS Cloud.

Which AWS Cloud benefit does this scenario describe?

- A. Increased speed to market
- B. The trade of infrastructure expenses for operating expenses
- C. Massive economies of scale
- D. The ability to go global in minutes

Correct Answer: B

Which AWS service can defend against DDoS attacks?

- A. AWS Firewall Manager
- B. AWS Shield Standard
- C. AWS WAF
- D. Amazon Inspector

Correct Answer: B

A company uses AWS Organizations. The company wants to apply security best practices from the AWS Well-Architected Framework to all of its AWS accounts.

Which AWS service will meet these requirements?

- A. Amazon Macie
- B. Amazon Detective
- C. AWS Control Tower
- D. AWS Secrets Manager

Correct Answer: C

A company needs a history report about how its Amazon EC2 instances were modified last month.

Which AWS service can be used to meet this requirement?

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

Correct Answer: B

A user needs the ability to access as many resources as are needed. The user also needs the ability to scale up and scale down with only a few minutes of notice.

Which benefit of the AWS Cloud describes these abilities?

- A. Reliability
- B. Economy of scale
- C. Elasticity
- D. Pay-as-you-go pricing

Correct Answer: C

A company runs a MySQL database in its on-premises data center. The company wants to run a copy of this database in the AWS Cloud.

Which AWS service would support this workload?

- A. Amazon RDS
- B. Amazon Neptune
- C. Amazon ElastiCache for Redis
- D. Amazon Quantum Ledger Database (Amazon QLDB)

Correct Answer: A

A company wants to migrate its on-premises application to the AWS Cloud. The company is legally obligated to retain certain data in its on-premises data center.

Which AWS service or feature will support this requirement?

- A. AWS Wavelength
- B. AWS Local Zones
- C. VMware Cloud on AWS
- D. AWS Outposts

Correct Answer: D

Which perspective of the AWS Cloud Adoption Framework (AWS CAF) connects technology and business?

- A. Operations
- B. People
- C. Security
- D. Governance

Correct Answer: B

Which AWS service can a company use to rotate, manage, and retrieve database credentials?

- A. AWS Certificate Manager (ACM)
- B. AWS Secrets Manager
- C. Amazon GuardDuty
- D. AWS Shield

Correct Answer: B

A company needs to host a highly available application in the AWS Cloud. The application runs infrequently for short periods of time.

Which AWS service will meet these requirements with the LEAST amount of operational overhead?

- A. Amazon EC2
- B. AWS Fargate
- C. AWS Lambda
- D. Amazon Aurora

Correct Answer: C

A company wants to store data with high availability, encrypt the data at rest, and have direct access to the data over the internet.

Which AWS service will meet these requirements MOST cost-effectively?

- A. Amazon Elastic Block Store (Amazon EBS)
- B. Amazon S3
- C. Amazon Elastic File System (Amazon EFS)
- D. AWS Storage Gateway

Correct Answer: B

A company runs business applications in an on-premises data center and in the AWS Cloud. The company needs a shared file system that can be available to both environments.

Which AWS service meets these requirements?

- A. Amazon Elastic Block Store (Amazon EBS)
- B. Amazon S3
- C. Amazon ElastiCache
- D. Amazon Elastic File System (Amazon EFS)

Correct Answer: D

What are characteristics of Availability Zones? (Choose two.)

- A. All Availability Zones in an AWS Region are interconnected with high-bandwidth, low-latency networking.
- B. Availability Zones are physically separated by a minimum of distance of 150 km (100 miles).
- C. All traffic between Availability Zones is encrypted.
- D. Availability Zones within an AWS Region share redundant power, networking, and connectivity.
- E. Every Availability Zone contains a single data center.

Correct Answer: AB

A company needs to set a maximum spending limit on AWS services each month. The company also needs to set up alerts for when the company reaches its spending limit.

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

- A. Cost Explorer
- B. AWS Trusted Advisor
- C. Service Quotas
- D. AWS Budgets

Correct Answer: B

What is an AWS responsibility under the AWS shared responsibility model?

- A. Configure the security group rules that determine which ports are open on an Amazon EC2 Linux instance.
- B. Ensure the security of the internal network in the AWS data centers.
- C. Patch the guest operating system with the latest security patches on Amazon EC2.
- D. Turn on server-side encryption for Amazon S3 buckets.

Correct Answer: C

Which AWS service or feature allows users to securely store encrypted credentials and retrieve these credentials when required?

- A. AWS Encryption SDK
- B. AWS Security Hub
- C. AWS Secrets Manager
- D. AWS Artifact

Correct Answer: C

A company needs to run code in response to an event notification that occurs when objects are uploaded to an Amazon S3 bucket.

Which AWS service will integrate directly with the event notification?

- A. AWS Lambda
- B. Amazon EC2
- C. Amazon Elastic Container Registry (Amazon ECR)
- D. AWS Elastic Beanstalk

Correct Answer: A

Which AWS services support a hybrid compute architectural model? (Choose two.)

- A. Amazon Macie
- B. AWS Wavelength
- C. AWS Service Catalog
- D. AWS Outposts
- E. VMware Cloud on AWS

Correct Answer: AE

Which AWS services allow users to monitor and retain records of account activities that include governance, compliance, and auditing? (Choose two.)

- A. Amazon CloudWatch
- B. AWS CloudTrail
- C. Amazon GuardDuty
- D. AWS Shield
- E. AWS WAF

Correct Answer: AB

A company's procurement department wants volume discounts on AWS services for the company, but numerous departments have separate AWS accounts.

Which AWS service or tool can the company use to receive volume discounts across multiple AWS accounts?

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

Correct Answer: D

Amazon Elastic File System (Amazon EPS) and Amazon FSx offer which type of storage?

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

Correct Answer: A

A company is designing AWS architecture that will add compute resources when the company needs them. The architecture also includes a disaster recovery plan with automatic failover.

Which pillar of the AWS Well-Architected Framework does this architecture represent?

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

Correct Answer: C

Which AWS service provides protection against DDoS attacks for applications that run in the AWS Cloud?

- A. Amazon VPC
- B. AWS Shield
- C. AWS Audit Manager
- D. AWS Config

Correct Answer: B

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

- A. Sustainability
- B. Security
- C. Performance efficiency
- D. Reliability

Correct Answer: B

Which AWS service is always available free of charge to users?

- A. Amazon Athena
- B. AWS Identity and Access Management (IAM)
- C. AWS Secrets Manager
- D. Amazon ElastiCache

Correct Answer: B

Which AWS Cloud benefit describes the ability to acquire resources as they are needed and release resources when they are no longer needed?

- A. Economies of scale
- B. Elasticity
- C. Agility
- D. Security

Correct Answer: D

A company that is planning to migrate to the AWS Cloud is based in an isolated area that has limited internet connectivity. The company needs to perform local data processing on premises. The company needs a solution that can operate without a stable internet connection.

Which AWS service will meet these requirements?

- A. Amazon S3
- B. AWS Snowball Edge
- C. AWS Storage Gateway
- D. AWS Backup

Correct Answer: B

A company wants to create multiple isolated networks in the same AWS account.

Which AWS service or component will provide this functionality?

- A. AWS Transit Gateway
- B. Internet gateway
- C. Amazon VPC
- D. Amazon EC2

Correct Answer: A

A company needs to store infrequently used data for data archives and long-term backups.

Which AWS service or storage class will meet these requirements MOST cost-effectively?

- A. Amazon FSx for Lustre
- B. Amazon Elastic Block Store (Amazon EBS)
- C. Amazon Elastic File System (Amazon EFS)
- D. Amazon S3 Glacier Flexible Retrieval

Correct Answer: D

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

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

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

Correct Answer: AC

Which credential allows programmatic access to AWS resources for use from the AWS CLI or the AWS API?

- A. User name and password
- B. Access keys
- C. SSH public keys
- D. AWS Key Management Service (AWS KMS) keys

Correct Answer: B

A company runs Amazon EC2 instances in a research lab. The instances run for 3 hours each week and cannot be interrupted.

What is the MOST cost-effective instance purchasing option to meet these requirements?

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

Correct Answer: *B*

A company wants to build a new web application by using AWS services. The application must meet the on-demand load for periods of heavy activity.

Which AWS services or resources provide the necessary workload adjustments to meet these requirements? (Choose two.)

- A. Amazon Machine Image (AMI)
- B. Amazon EC2 Auto Scaling
- C. Amazon EC2 instance
- D. AWS Lambda
- E. EC2 Image Builder

Correct Answer: *BD*

A developer needs to build an application for a retail company. The application must provide real-time product recommendations that are based on machine learning.

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

- A. AWS Health Dashboard
- B. Amazon Personalize
- C. Amazon Forecast
- D. Amazon Transcribe

Correct Answer: *A*

A company has all of its servers in the us-east-1 Region. The company is considering the deployment of additional servers in a different Region.

Which AWS tool should the company use to find pricing information for other Regions?

- A. Cost Explorer
- B. AWS Budgets
- C. AWS Purchase Order Management
- D. AWS Pricing Calculator

Correct Answer: D

A company wants to launch its web application in a second AWS Region. The company needs to determine which services must be regionally configured for this launch.

Which AWS services can be configured at the Region level? (Choose two.)

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

Correct Answer: AE

Which AWS Well-Architected Framework concept represents a system's ability to remain functional when the system encounters operational problems?

- A. Consistency
- B. Elasticity
- C. Durability
- D. Latency

Correct Answer: C

A company is migrating its data center to AWS. The company needs an AWS Support plan that provides chat access to a cloud support engineer 24 hours a day, 7 days a week. The company does not require access to infrastructure event management.

What is the MOST cost-effective AWS Support plan that meets these requirements?

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

Correct Answer: B

A company has an application workload that is stateless by design and can sustain occasional downtime. The application performs massively parallel computations.

Which Amazon EC2 pricing model should the company choose for its application to reduce cost?

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

Correct Answer: B

A company needs to connect on-premises applications to AWS Cloud storage by using industry-standard internet Small Computer Systems Interface (iSCSI) connectivity.

Which AWS solution can the company use to meet this requirement?

- A. AWS Storage Gateway file gateway
- B. Amazon API Gateway
- C. AWS Storage Gateway volume gateway
- D. AWS Transit Gateway

Correct Answer: C

Which AWS service or feature can be used to control inbound and outbound traffic on an Amazon EC2 instance?

- A. Internet gateways
- B. AWS Identity and Access Management (IAM)
- C. Network ACLs
- D. Security groups

Correct Answer: D

A company is considering migration to the AWS Cloud. The company wants a fully managed service or feature that can transfer streaming data from multiple sources to an Amazon S3 bucket.

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

- A. AWS DataSync
- B. Amazon Kinesis Data Firehose
- C. S3 Select
- D. AWS Transfer Family

Correct Answer: B

A company wants to create a chatbot and integrate the chatbot with its current web application.

Which AWS service will meet these requirements?

- A. Amazon Kendra
- B. Amazon Lex
- C. Amazon Textract
- D. Amazon Polly

Correct Answer: B

A company wants to implement controls (guardrails) in a newly created AWS Control Tower landing zone.

Which AWS services or features can the company use to create and define these controls (guardrails)? (Choose two.)

- A. AWS Config
- B. Service control policies (SCPs)
- C. Amazon Guard Duty
- D. AWS Identity and Access Management (IAM)
- E. Security groups

Correct Answer: AB

A company's headquarters is located on a different continent from where the majority of the company's customers live. The company wants an AWS Cloud environment setup that will provide the lowest latency to the customers.

Which solution will provide the LOWEST network latency between the AWS resources and the customers?

- A. Place the resources in the AWS Region that is closest to the company's headquarters. Move the resources to the Availability Zone that is closest to the customers.
- B. Place all workloads in the AWS Region that is closest to the company's headquarters.
- C. Place all workloads in the AWS Region that is closest to the majority of customers.
- D. Place the resources in AWS edge locations that are closest to the company's headquarters.

Correct Answer: C

A company needs to migrate its website from on premises to the AWS Cloud. The website must be hosted on hardware that is not shared with other companies. The company wants to use its existing per-socket, per-core software licenses.

Which Amazon EC2 instance purchasing option will meet these requirements?

- A. Dedicated Instance
- B. Reserved Instance
- C. Dedicated Host
- D. On-Demand Instance

Correct Answer: C

Which database engine is compatible with Amazon RDS?

- A. Apache Cassandra
- B. MongoDB
- C. Neo4j
- D. PostgreSQL

Correct Answer: D

Which AWS service or feature is used to troubleshoot network connectivity issues between Amazon EC2 instances?

- A. AWS Certificate Manager (ACM)
- B. Internet gateway
- C. VPC Flow Logs
- D. AWS CloudHSM

Correct Answer: C

A user discovered that an Amazon EC2 instance is missing an Amazon Elastic Block Store (Amazon EBS) data volume. The user wants to determine when the EBS volume was removed.

Which AWS service will provide this information?

- A. AWS Config
- B. AWS Trusted Advisor
- C. Amazon Timestream
- D. Amazon QuickSight

Correct Answer: A

A company needs to design a solution for the efficient use of compute resources for an enterprise workload. The company needs to make informed decisions as its technology needs evolve.

Which pillar of the AWS Well-Architected Framework do these requirements represent?

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

Correct Answer: C

Which option is an AWS Cloud Adoption Framework (AWS CAF) foundational capability for the operations perspective?

- A. Performance and capacity management
- B. Application portfolio management
- C. Identity and access management
- D. Product management

Correct Answer: A

A company is building an application on AWS. The application needs to comply with credit card regulatory requirements. The company needs proof that the AWS services and deployment are in compliance.

Which actions should the company take to meet these requirements? (Choose two.)

- A. Use Amazon Inspector to submit the application for certification
- B. Ensure that the application's underlying hardware components comply with requirements
- C. Use AWS Artifact to access AWS documents about the compliance of the services
- D. Get the compliance of the application certified by a company assessor
- E. Use AWS Security Hub to certify the compliance of the application

Correct Answer: CD

A company wants to create a set of custom dashboards to collect metrics to monitor its applications.

Which AWS service will meet these requirements?

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

Correct Answer: A

Which AWS service or feature provides high availability and low latency within an AWS Region?

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

Correct Answer: B

A company deployed an Amazon EC2 instance last week. A developer realizes that the EC2 instance is no longer running. The developer reviews a list of provisioned EC2 instances, and the EC2 instance is no longer on the list.

What can the developer do to generate a recent history of the EC2 instance?

- A. Run Cost Explorer to identify the start time and end time of the EC2 instance
- B. Use Amazon Inspector to find out when the EC2 instance was stopped
- C. Perform a search in AWS CloudTrail to find all EC2 instance-related events
- D. Use AWS Secrets Manager to display hidden termination logs of the EC2 instance

Correct Answer: B

Which AWS service or feature can a company use to create a private, secured and scalable network environment in the AWS Cloud?

- A. Amazon Elastic Container Service (Amazon ECS)
- B. Amazon S3
- C. Amazon VPC
- D. Route tables

Correct Answer: C

Which feature of AWS Auto Scaling will forecast future traffic to schedule changes in the number of Amazon EC2 instances at the appropriate times?

- A. Scheduled scaling
- B. Predictive scaling
- C. Target tracking scaling
- D. Step scaling

Correct Answer: B

Which VPC component provides a layer of security at the subnet level?

- A. Security groups
- B. Network ACLs
- C. NAT gateways
- D. Route tables

Correct Answer: B

A company must archive Amazon S3 data that the company's business units no longer need to access.

Which S3 storage class will meet this requirement MOST cost-effectively?

- A. S3 Glacier Instant Retrieval
- B. S3 Glacier Flexible Retrieval
- C. S3 Glacier Deep Archive
- D. S3 One Zone-Infrequent Access (S3 One Zone-IA)

Correct Answer: B

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

- A. Patch a guest operating system that is deployed on an Amazon EC2 instance.
- B. Control physical access to an AWS data center.
- C. Control access to AWS underlying hardware.
- D. Patch a host operating system that is deployed on Amazon S3.

Correct Answer: D

Which aspect of security is the customer's responsibility, according to the AWS shared responsibility model?

- A. Patch and configuration management
- B. Service and communications protection or zone security
- C. Physical and environmental controls
- D. Awareness and training

Correct Answer: A

A company wants to reconfigure its ecommerce application to automatically scale to meet customer demands. The company wants the operating system that the application runs on to be automatically updated.

Which AWS service will meet these requirements?

- A. Amazon Lightsail
- B. Amazon EC2
- C. AWS Lambda
- D. Amazon EC2 Auto Scaling

Correct Answer: D

A company's application is running on Amazon EC2 instances. The company is planning a partial migration to a serverless architecture in the next year and wants to pay for resources up front.

Which AWS purchasing option will optimize the company's costs?

- A. Convertible Reserved Instances
- B. Spot Instances
- C. EC2 Instance Savings Plans
- D. Compute Savings Plan

Correct Answer: C

Which AWS Cloud design principle does a company follow by using AWS CloudTrail?

- A. Recover automatically.
- B. Perform operations as code.
- C. Measure efficiency.
- D. Ensure traceability.

Correct Answer: D

A company has an AWS-hosted website located behind an Application Load Balancer. The company wants to safeguard the website from SQL injection or cross-site scripting.

Which AWS service should the company use?

- A. Amazon GuardDuty
- B. AWS WAF
- C. AWS Trusted Advisor
- D. Amazon Inspector

Correct Answer: B

Which AWS compute service automatically scales resources up or down to meet application workload demands?

- A. Amazon Simple Queue Service (Amazon SQS)
- B. Amazon EC2
- C. Amazon Aurora
- D. AWS Lambda

Correct Answer: B

What is the MOST secure way to store passwords on AWS?

- A. Store passwords in an Amazon S3 bucket.
- B. Store passwords as AWS CloudFormation parameters.
- C. Store passwords in AWS Storage Gateway.
- D. Store passwords in AWS Secrets Manager.

Correct Answer: D

A company wants to set up a high-speed connection between its data center and its applications that run on AWS. The company must not transfer data over the internet.

Which action should the company take to meet these requirements?

- A. Transfer data to AWS by using AWS Snowball.
- B. Transfer data to AWS by using AWS Storage Gateway.
- C. Set up a VPN connection between the data center and an AWS Region.
- D. Set up an AWS Direct Connect connection between the company network and AWS.

Correct Answer: D

A company needs network access to be restricted to an Amazon EC2 instance for certain ports.

Which AWS services or features will support this requirement? (Choose two.)

- A. Amazon Elastic Block Store (Amazon EBS)
- B. Network ACLs
- C. Security groups
- D. IAM password rotation policy
- E. Amazon Route 53 record sets

Correct Answer: BC

A company has deployed an application in the AWS Cloud. The company wants to ensure that the application is highly resilient.

Which component of AWS infrastructure can the company use to meet this requirement?

- A. Content delivery network (CDN)
- B. Edge locations
- C. Wavelength Zones
- D. Availability Zones

Correct Answer: A

What is a customer responsibility under the AWS shared responsibility model when using AWS Lambda?

- A. Maintenance of the underlying Lambda hardware.
- B. Maintenance of the Lambda networking infrastructure.
- C. The code and libraries that run in the Lambda functions.
- D. The Lambda server software.

Correct Answer: C

A company needs to track the relationships among AWS resources. The company also needs to review resource dependencies before the company makes any changes to the resources.

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

- A. AWS Trusted Advisor
- B. AWS Config
- C. AWS Resource Access Manager (AWS RAM)
- D. AWS Systems Manager

Correct Answer: B

A company is running its application in the AWS Cloud and wants to protect against a DDoS attack. The company's security team wants near real-time visibility into DDoS attacks.

Which AWS service or traffic filter will meet these requirements with the MOST features for DDoS protection?

- A. AWS Shield Advanced
- B. AWS Shield
- C. Amazon GuardDuty
- D. Network ACLs

Correct Answer: A

Which combination of AWS services or features can a company use to encrypt data in transit and data at rest? (Choose two.)

- A. AWS Lambda
- B. AWS Key Management Service (AWS KMS)
- C. Amazon CloudWatch metrics
- D. AWS Certificate Manager (ACM)
- E. AWS Systems Manager

Correct Answer: BD

Which AWS feature grants temporary access to specific AWS resources?

- A. AWS IAM Access Analyzer
- B. Service control policies (SCPs)
- C. Access control lists (ACLs)
- D. IAM roles

Correct Answer: D

Which AWS service requires the customer to patch the guest operating system?

- A. AWS Lambda
- B. Amazon OpenSearch Service
- C. Amazon EC2
- D. Amazon ElastiCache

Correct Answer: C

A company wants to move petabytes of historical data into the AWS Cloud. The company needs to transfer the data from a remote location that does not have reliable network services.

Which AWS service will meet these requirements?

- A. AWS Snowball
- B. AWS DataSync
- C. AWS Direct Connect
- D. AWS Site-to-Site VPN

Correct Answer: C

A company needs to manage multiple logins across AWS accounts within the same organization in AWS Organizations.

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

- A. Amazon VPC
- B. Amazon GuardDuty
- C. Amazon Cognito
- D. AWS IAM Identity Center (AWS Single Sign-On)

Correct Answer: D

Which design principles should a company apply to AWS Cloud workloads to maximize sustainability and minimize environmental impact?
(Choose two.)

- A. Maximize utilization of Amazon EC2 instances.
- B. Minimize utilization of Amazon EC2 instances.
- C. Minimize usage of managed services.
- D. Force frequent application reinstallations by users.
- E. Reduce the need for users to reinstall applications.

Correct Answer: BC

A company wants to use Amazon EC2 instances for a stable production workload that will run for 1 year.

Which instance purchasing option meets these requirements MOST cost-effectively?

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

Correct Answer: C

A company wants to build an application that consists entirely of microservices.

Which AWS Cloud architecture design principle supports this goal?

- A. Think parallel
- B. Implement elasticity
- C. Stop guessing capacity
- D. Decouple components

Correct Answer: A

Which pillar of the AWS Well Architected Framework includes the design principle of defining workloads, applications, and infrastructure as code (IaC)?

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

Correct Answer: A

A company has developed a distributed application that recovers gracefully from interruptions. The application periodically processes large volumes of data by using multiple Amazon EC2 Instances. The application is sometimes idle for months.

Which EC2 instance purchasing option is MOST cost-effective for this use case?

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

Correct Answer: D

Which AWS service or tool helps companies measure the environmental impact of their AWS usage?

- A. AWS customer carbon footprint tool
- B. AWS Compute Optimizer
- C. Sustainability pillar
- D. OS-Climate (Open Source Climate Data Commons)

Correct Answer: A

An ecommerce company plans to move its data center workload to the AWS Cloud to support highly dynamic usage patterns.

Which benefits make the AWS Cloud cost-effective for the migration of this type of workload? (Choose two.)

- A. Reliability
- B. Security
- C. Elasticity
- D. Pay-as-you-go resource pricing
- E. High availability

Correct Answer: DE

A company needs help managing multiple AWS linked accounts that are reported on a consolidated bill.

Which AWS Support plan includes an AWS concierge whom the company can ask for assistance?

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

Correct Answer: B

A company wants to use a managed service to simplify the setup operation, and scaling of its MySQL database in the AWS Cloud.

Which AWS service will meet these requirements?

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

Correct Answer: B

Which AWS service or tool offers consolidated billing?

- A. AWS Artifact
- B. AWS Budgets
- C. AWS Organizations
- D. AWS Trusted Advisor

Correct Answer: C

A company wants to automate the creation of new AWS accounts and automatically prevent all users from creating Amazon EC2 instances.

Which AWS service provides this functionality?

- A. AWS Service Catalog
- B. AWS Organizations
- C. EC2 Image Builder
- D. AWS Systems Manager

Correct Answer: C

A company wants to design its cloud architecture so that its workloads are resilient, can consistently perform their intended functions correctly, and can recover from failure quickly.

Which pillar of the AWS Well-Architected Framework does this architecture represent?

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

Correct Answer: B

A company wants to access a report about the estimated environmental impact of the company's AWS usage.

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

- A. AWS Organizations
- B. IAM policy
- C. AWS Billing console
- D. Amazon Simple Metrics Service (Amazon SNS)

Correct Answer: C

Which AWS service or feature is an example of a relational database management system?

- A. Amazon Athena
- B. Amazon Redshift
- C. Amazon S3 Select
- D. Amazon Kinesis Data Streams

Correct Answer: C

A software engineer wants to launch a virtual machine (VM) and MySQL database on AWS.

Which AWS service will meet these requirements with the LEAST operational effort?

- A. Amazon Elastic Container Service (Amazon ECS)
- B. AWS Elastic Beanstalk
- C. Amazon Lightsail
- D. Amazon EC2

Correct Answer: D

A company is moving its on-premises database to the AWS Cloud.

Which AWS service will support this use case?

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

Correct Answer: C

A company is running workloads for multiple departments within a single VPC. The company needs to be able to bill each department for its resource usage.

Which action should the company take to accomplish this goal with the LEAST operational overhead?

- A. Add a department tag to each resource and configure cost allocation tags.
- B. Move each department resource to its own VPC.
- C. Move each department resource to its own AWS account.
- D. Use AWS Organizations to get a billing report for each department.

Correct Answer: B

A company needs to maximize its ability to adapt to changing business needs without overcommitting its budget.

Which strategy should the company implement to meet these requirements?

- A. Optimize operations
- B. Use Savings Plans
- C. Use pay-as-you-go pricing
- D. Pay less by using more

Correct Answer: C

A new AWS user who has little cloud experience wants to build an application by using AWS services. The user wants to learn how to implement specific AWS services from other customer examples. The user also wants to ask questions to AWS experts.

Which AWS service or resource will meet these requirements?

- A. AWS Online Tech Talks
- B. AWS documentation
- C. AWS Marketplace
- D. AWS Health Dashboard

Correct Answer: D

A company plans to migrate complex legacy systems to AWS. The company will use several operating systems multiple databases and multiple programming languages.

Which benefit of the AWS Cloud does this scenario represent?

- A. Scalability
- B. Flexibility
- C. Reliability
- D. Security

Correct Answer: D

A company is reviewing its operating policies.

Which policy complies with guidance in the security pillar of the AWS Well-Architected Framework?

- A. Ensure that employees have access to all company data.
- B. Expand employees' permissions as they gain more experience.
- C. Grant all privileges and access to all users.
- D. Apply security requirements at all layers of a process.

Correct Answer: D

A company stores data in an Amazon S3 bucket. The company must control who has permission to read, write, or delete objects that the company stores in the S3 bucket.

Which AWS features will meet these requirements? (Choose two.)

- A. Security groups
- B. Network ACLs
- C. S3 bucket policies
- D. IAM user policies
- E. S3 bucket versioning

Correct Answer: C E

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

- 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

Correct Answer: C

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

- A. AWS Organizations
- B. AWS Pricing Calculator
- C. AWS Cost Explorer
- D. AWS Service Catalog

Correct Answer: C

A company needs to identify who accessed an AWS service and what action was performed for a given time period.

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

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

Correct Answer: B

A company has an application that stores a high volume of unstructured data and session history. The company needs to scale the application reliably to millions of concurrent users while ensuring consistent low latency.

Which AWS service meets these requirements?

- A. Amazon RDS for MariaDB
- B. Amazon DynamoDB
- C. Amazon RDS for SQL Server
- D. Amazon Redshift

Correct Answer: C

Which AWS services or features can a company use to connect the network of its on-premises data center to AWS? (Choose two.)

- A. AWS VPN
- B. AWS Directory Service
- C. AWS Data Pipeline
- D. AWS Direct Connect
- E. AWS CloudHSM

Correct Answer: AD

A company wants to migrate its main application to Amazon EC2. The application must provide low latency to users residing in two different geographic locations. The architecture of the application must have disaster recovery capabilities.

How can these requirements be met?

- A. Deploy the application on an EC2 instance and set up EC2 automatic recovery
- B. Deploy the application on multiple EC2 instances running in one Availability Zone
- C. Deploy the application on EC2 instances in Multi-AZs in a single AWS Region
- D. Deploy the application on EC2 instances in multiple AWS Regions.

Correct Answer: B

A company wants high levels of detection and near-real-time (NRT) mitigation against large and sophisticated distributed denial of service (DDoS) attacks on applications running on AWS.

Which AWS service should the company use?

- A. Amazon GuardDuty
- B. Amazon Inspector
- C. AWS Shield Advanced
- D. Amazon Macie

Correct Answer: C

A company has an Amazon S3 bucket containing images of scanned financial invoices. The company is building an artificial intelligence (AI)-based application on AWS. The company wants the application to identify and read total balance amounts on the invoices.

Which AWS service will meet these requirements?

- A. Amazon Forecast
- B. Amazon Textract
- C. Amazon Rekognition
- D. Amazon Lex

Correct Answer: D

A company wants to migrate its high performance computing (HPC) application to Amazon EC2 instances. The application has multiple components. The application must have fault tolerance and must have the ability to fail over automatically.

Which AWS infrastructure solution will meet these requirements with the LEAST latency between components?

- A. Multiple AWS Regions
- B. Multiple edge locations
- C. Multiple Availability Zones
- D. Regional edge caches

Correct Answer: C

Which AWS service should a cloud practitioner use to identify security vulnerabilities of an AWS account?

- A. AWS Secrets Manager
- B. Amazon Cognito
- C. Amazon Macie
- D. AWS Trusted Advisor

Correct Answer: D

Which AWS service can a company use to securely store and encrypt passwords for a database?

- A. AWS Shield
- B. AWS Secrets Manager
- C. AWS Identity and Access Management (IAM)
- D. Amazon Cognito

Correct Answer: B

Which of the following is a pillar of the AWS Well-Architected Framework?

- A. Redundancy
- B. Operational excellence
- C. Availability
- D. Multi-Region

Correct Answer: B

A company is moving to the AWS Cloud to reduce operational overhead for its application infrastructure.

Which IT operation will the company still be responsible for after the migration to AWS?

- A. Security patching of AWS Elastic Beanstalk
- B. Backups of data that is stored in Amazon Aurora
- C. Termination of Amazon EC2 instances that are managed by AWS Auto Scaling
- D. Configuration of IAM access controls

Correct Answer: D

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

- A. Sustainability
- B. Performance efficiency
- C. Governance
- D. Reliability

Correct Answer: C

A company is running an order processing system on Amazon EC2 instances. The company wants to migrate to an event-driven, microservices-based application.

Which combination of AWS services can the application use to meet these requirements? (Choose two.)

- A. Amazon Simple Queue Service (Amazon SQS)
- B. AWS Lambda
- C. AWS Migration Hub
- D. AWS AppSync
- E. AWS Application Migration Service

Correct Answer: AE

Which activity is considered out of scope for AWS Support?

- A. Solving problems detected by Amazon EC2 health checks
- B. Answering "how to" questions on AWS services and features
- C. Troubleshooting AWS APIs
- D. Tuning database queries

Correct Answer: D

For which AWS service is the customer responsible for maintaining the underlying operating system?

- A. Amazon DynamoDB
- B. Amazon S3
- C. Amazon EC2
- D. AWS Lambda

Correct Answer: C

A company wants help from AWS Certified freelance consultants to complete several AWS Cloud projects.

Which AWS service should the company use to find this support?

- A. AWS IQ
- B. AWS Support
- C. AWS Trusted Advisor
- D. AWS Marketplace

Correct Answer: A

Which AWS services can a company use to transfer on-premises data to the AWS Cloud? (Choose two.)

- A. AWS Snowcone
- B. AWS Transit Gateway
- C. AWS DataSync
- D. AWS Backup
- E. Amazon Connect

Correct Answer: C E

Which AWS service or resource is serverless?

- A. AWS Snowball Edge
- B. Amazon EC2
- C. Amazon Elastic Kubernetes Service (Amazon EKS)
- D. Amazon API Gateway

Correct Answer: D

Which of the following is a benefit of deploying workloads in multiple AWS Regions?

- A. It increases the performance of Amazon EC2 instances
- B. It is the most cost-effective deployment model
- C. It is faster to deploy workloads across multiple AWS Regions than in a single Region
- D. It reduces latency for users who are in different geographic areas

Correct Answer: D

A company wants to deploy a web application on AWS that serves audio and video content.

Which AWS service would provide high availability and scalability in this situation?

- A. Amazon Elastic Block Store (Amazon EBS)
- B. Amazon EC2
- C. AWS Storage Gateway
- D. Amazon S3

Correct Answer: D

Which task must a user perform by using the AWS account root user credentials?

- A. Make changes to AWS production resources.
- B. Change AWS Support plans
- C. Access AWS Cost and Usage Reports
- D. Grant auditors access to an AWS account for a compliance audit

Correct Answer: B

Which AWS service provides a virtual desktop solution?

- A. Amazon EC2
- B. AWS Elastic Beanstalk
- C. AWS Systems Manager
- D. Amazon Workspaces

Correct Answer: D

A company needs a repository that stores source code. The company needs a way to update the running software when the code changes.

Which combination of AWS services will meet these requirements? (Choose two.)

- A. AWS CodeCommit
- B. AWS CodeDeploy
- C. Amazon DynamoDB
- D. Amazon S3
- E. Amazon Elastic Container Service (Amazon ECS)

Correct Answer: AE

Which AWS service or tool offers consolidated billing?

- A. AWS Artifact
- B. AWS Budgets
- C. AWS Organizations
- D. AWS Trusted Advisor

Correct Answer: C

A company has created an AWS Cost and Usage Report and wants to visualize the report.

Which AWS service should the company use to ingest and display this information?

- A. Amazon QuickSight
- B. Amazon Pinpoint
- C. Amazon Neptune
- D. Amazon Kinesis

Correct Answer: A

Which AWS service or tool provides recommendations to help users get rightsized Amazon EC2 instances based on historical workload usage data?

- A. AWS Pricing Calculator
- B. AWS Compute Optimizer
- C. AWS App Runner
- D. AWS Systems Manager

Correct Answer: B

A company is based in a location without an AWS Region but wants to move some of its Windows file servers to AWS. The data must reside in the location that the company is based in.

Which AWS service will meet these requirements?

- A. AWS Outposts
- B. AWS Local Zones
- C. Amazon EC2
- D. Amazon FSx for Windows File Server

Correct Answer: D

A company is running an application that is hosted on Amazon EC2 instances. The usage of the EC2 instances is higher during daytime hours than nighttime hours. The company wants to optimize the number of EC2 instances based on this usage pattern.

Which AWS service or instance purchasing option should the company use to meet these requirements?

- A. Spot Instances
- B. Reserved Instances
- C. AWS CloudFormation
- D. AWS Auto Scaling

Correct Answer: A

A company needs to store data from a recommendation engine in a database.

Which AWS service provides this functionality with the LEAST operational overhead?

- A. Amazon RDS for PostgreSQL
- B. Amazon DynamoDB
- C. Amazon Neptune
- D. Amazon Aurora

Correct Answer: C

Which benefit does AWS offer exclusively to users who have an AWS Enterprise Support plan?

- A. Access to a technical project manager
- B. Access to a technical account manager (TAM)
- C. Access to a cloud support engineer
- D. Access to a solutions architect

Correct Answer: B

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

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

Correct Answer: C

A global company's customers are experiencing long load times for images that are stored in an Amazon S3 bucket on the company's website.

Which AWS service will improve the load times for the customers?

- A. AWS Marketplace
- B. Amazon CloudFront
- C. Amazon Route 53
- D. AWS Direct Connect

Correct Answer: B

Which option is a common stakeholder role for the AWS Cloud Adoption Framework (AWS CAF) platform perspective?

- A. Chief financial officer (CFO)
- B. Chief information officer (CIO)
- C. Chief data officer (CDO)
- D. Engineer

Correct Answer: B

Which AWS Support plan provides access to an AWS Concierge Support team for account assistance?

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

Correct Answer: A

A company wants to minimize network latency between its Amazon EC2 instances.

Which solution achieves this goal?

- A. Use EC2 instances in a single Availability Zone.
- B. Use EC2 instances in multiple AWS Regions.
- C. Use EC2 instances in multiple edge locations.
- D. Use EC2 instances in the same Availability Zone but in different AWS Regions.

Correct Answer: A

Which pillar of the AWS Well-Architected Framework includes the AWS shared responsibility model?

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

Correct Answer: D

Which AWS service or feature offers security for a VPC by acting as a firewall to control traffic in and out of subnets?

- A. AWS Security Hub
- B. Security groups
- C. Network ACL
- D. AWS WAF

Correct Answer: C

Which AWS service or feature enables users to encrypt data at rest in Amazon S3?

- A. IAM policies
- B. Server-side encryption
- C. Amazon GuardDuty
- D. Client-side encryption

Correct Answer: B

Which AWS service is always free of charge for users?

- A. Amazon S3
- B. Amazon Aurora
- C. Amazon EC2
- D. AWS Identity and Access Management (IAM)

Correct Answer: D

A developer wants to use an Amazon S3 bucket to store application logs that contain sensitive data.

Which AWS service or feature should the developer use to restrict read and write access to the S3 bucket?

- A. Security groups
- B. Amazon CloudWatch
- C. AWS CloudTrail
- D. ACLs

Correct Answer: A

A company deploys its application to multiple AWS Regions and configures automatic failover between those Regions.

Which cloud concept does this architecture represent?

- A. Security
- B. Reliability
- C. Scalability
- D. Cost optimization

Correct Answer: C

A company wants to centrally manage security policies and billing services within a multi-account AWS environment.

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

- A. AWS Identity and Access Management (IAM)
- B. AWS Organizations
- C. AWS Resource Access Manager (AWS RAM)
- D. AWS Config

Correct Answer: B

A company wants to use an Amazon EC2 instance that has a pre-installed third-party firewall.

Which AWS service or feature can provide this solution?

- A. Security groups
- B. AWS Marketplace
- C. AWS Systems Manager
- D. AWS Certificate Manager (ACM)

Correct Answer: A

What does “security of the cloud” refer to in the AWS shared responsibility model?

- A. Availability of AWS services such as Amazon EC2
- B. Security of the cloud infrastructure that runs all the AWS services
- C. Implementation of password policies for IAM users
- D. Security of customer environments by using AWS Network Firewall partners

Correct Answer: B

A company wants to push VPC Flow Logs to an Amazon S3 bucket.

Which action is the company's responsibility?

- A. Managing the infrastructure that runs the S3 bucket
- B. Managing the data in transit
- C. Managing the encryption options on the S3 bucket
- D. Managing the operating system updates on the S3 bucket

Correct Answer: B

Which guidelines are best practices for using AWS Identity and Access Management (IAM)? (Choose two.)

- A. Share access keys.
- B. Create individual IAM users.
- C. Use inline policies instead of customer managed policies.
- D. Grant maximum privileges to IAM users.
- E. Use groups to assign permissions to IAM users.

Correct Answer: AC

A company needs to apply security rules to specific Amazon EC2 instances.

Which AWS service or feature provides this functionality?

- A. AWS Shield
- B. Network ACLs
- C. Security groups
- D. AWS Firewall Manager

Correct Answer: C

Which AWS service can a company use to find security and compliance reports, including International Organization for Standardization (ISO) reports?

- A. AWS Artifact
- B. Amazon CloudWatch
- C. AWS Config
- D. AWS Audit Manager

Correct Answer: A

A company deploys its application on Amazon EC2 instances. The application occasionally experiences sudden increases in demand. The company wants to ensure that its application can respond to changes in demand at the lowest possible cost.

Which AWS service or tool will meet these requirements?

- A. AWS Auto Scaling
- B. AWS Compute Optimizer
- C. AWS Cost Explorer
- D. AWS Well-Architected Framework

Correct Answer: A

What is the recommended use case for Amazon EC2 On-Demand Instances?

- A. A steady-state workload that requires a particular EC2 instance configuration for a long period of time
- B. A workload that can be interrupted for a project that requires the lowest possible cost
- C. An unpredictable workload that does not require a long-term commitment
- D. A workload that is expected to run for longer than 1 year

Correct Answer: C

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

Which AWS service should the company use?

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

Correct Answer: A

A company wants the ability to automatically acquire resources as needed and release the resources when they are no longer needed.

Which cloud concept describes this functionality?

- A. Availability
- B. Elasticity
- C. Durability
- D. Reliability

Correct Answer: B

Which AWS service or storage class provides low-cost, long-term data storage?

- A. Amazon S3 Glacier Deep Archive
- B. AWS Snowball
- C. Amazon MQ
- D. AWS Storage Gateway

Correct Answer: D

An auditor is preparing for an annual security audit. The auditor requests certification details for a company's AWS hosted resources across multiple Availability Zones in the us-east-1 Region.

How should the company respond to the auditor's request?

- A. Open an AWS Support ticket to request that the AWS technical account manager (TAM) respond and help the auditor.
- B. Open an AWS Support ticket to request that the auditor receive approval to conduct an onsite assessment of the AWS data centers in which the company operates.
- C. Explain to the auditor that AWS does not need to be audited because the company's application is hosted in multiple Availability Zones.
- D. Use AWS Artifact to download the applicable report for AWS security controls. Provide the report to the auditor.

Correct Answer: D

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

- A. Physical and environmental controls
- B. Patch management
- C. Configuration management
- D. Account structures
- E. Choice of the AWS Region where data is stored

Correct Answer: BC

Which perspective of the AWS Cloud Adoption Framework (AWS CAF) encourages the development of well-architected, cloud-focused applications?

- A. Platform
- B. Operations
- C. Governance
- D. Security

Correct Answer: A

Which factors affect costs in the AWS Cloud? (Choose 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

Correct Answer: CD

Which AWS service, feature, or tool helps visualize the pattern of AWS spending?

- A. Cost Explorer
- B. Amazon DevPay
- C. AWS CloudTrail
- D. Consolidated billing

Correct Answer: A

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

- A. Patch the Amazon RDS operating system.
- B. Upgrade the firmware of the network infrastructure.
- C. Manage data encryption.
- D. Maintain physical access control in an AWS Region.
- E. Grant least privilege access to IAM users.

Correct Answer: BD

Which AWS services are examples of NoSQL databases? (Choose two.)

- A. Amazon DynamoDB
- B. Amazon ElastiCache
- C. Amazon Redshift
- D. Amazon Aurora
- E. Amazon RDS for MySQL

Correct Answer: EA

Which pillar of the AWS Well-Architected Framework focuses on the ability to run workloads effectively, gain insight into operations, and continuously improve supporting processes and procedures?

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

Correct Answer: C

A developer who has no AWS Cloud experience wants to use AWS technology to build a web application.

Which AWS service should the developer use to start building the application?

- A. Amazon SageMaker
- B. AWS Lambda
- C. Amazon Lightsail
- D. Amazon Elastic Container Service (Amazon ECS)

Correct Answer: D

A developer who has no AWS Cloud experience wants to use AWS technology to build a web application.

Which AWS service should the developer use to start building the application?

- A. AWS Organizations
- B. AWS Identity and Access Management (IAM)
- C. AWS Billing and Cost Management
- D. Amazon Cognito

Correct Answer: A

A company is migrating to the AWS Cloud to meet storage needs. The company wants to optimize costs based on the amount of storage that the company uses.

Which AWS offering or benefit will meet these requirements MOST cost-effectively?

- A. Pay-as-you-go pricing
- B. Savings Plans
- C. AWS Free Tier
- D. Volume-based discounts

Correct Answer: C

A company wants to update its online data processing application by implementing container-based services that run for 4 hours at a time. The company does not want to provision or manage server instances.

Which AWS service will meet these requirements?

- A. AWS Lambda
- B. AWS Fargate
- C. Amazon EC2
- D. AWS Elastic Beanstalk

Correct Answer: B

A company is expecting a short-term spike in internet traffic for its application. During the traffic increase, the application cannot be interrupted. The company also needs to minimize cost and maximize flexibility.

Which Amazon EC2 instance type should the company use to meet these requirements?

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

Correct Answer: A

A company wants to estimate its expected monthly AWS costs. The company also wants to find out the cost of a new set of instances and services.

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

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

Correct Answer: B

A company needs to run a workload for several batch image rendering applications. It is acceptable for the workload to experience downtime.

Which Amazon EC2 pricing model would be MOST cost-effective in this situation?

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

Correct Answer: D

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

- A. Trade variable expenses for capital expenses.
- B. Deploy globally in minutes.
- C. Plan capacity in advance of deployments.
- D. Take advantage of economies of scale.
- E. Reduce dependencies on network connectivity.

Correct Answer: BE

A company wants to have one AWS account for the entire company and individual accounts for each department.

Which AWS service should the company use 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

Correct Answer: B

A company is launching a mobile app. The company wants customers to be able to use the app without upgrading their mobile devices.

Which pillar of the AWS Well-Architected Framework does this goal represent?

- A. Security
- B. Reliability
- C. Cost optimization
- D. Sustainability

Correct Answer: A

A company needs the ability to acquire resources when the resources are needed. The company also needs the ability to release the resources when the resources are no longer needed.

Which AWS concept represents the company's goals?

- A. Scalability
- B. Sustainability
- C. Elasticity
- D. Operational excellence

Correct Answer: A

Which AWS services can a company use to achieve a loosely coupled architecture? (Choose two.)

- A. Amazon Workspaces
- B. Amazon Simple Queue Service (Amazon SQS)
- C. Amazon Connect
- D. AWS Trusted Advisor
- E. AWS Step Functions

Correct Answer: BE

Which AWS service will allow a user to set custom cost and usage limits, and will alert when the thresholds are exceeded?

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

Correct Answer: B

A company is hosting a web application on Amazon EC2 instances. The company wants to implement custom conditions to filter and control inbound web traffic.

Which AWS service will meet these requirements?

- A. Amazon GuardDuty
- B. AWS WAF
- C. Amazon Macie
- D. AWS Shield

Correct Answer: A

A company wants to monitor for misconfigured security groups that are allowing unrestricted access to specific ports.

Which AWS service will meet this requirement?

- A. AWS Trusted Advisor
- B. Amazon CloudWatch
- C. Amazon Guard Duty
- D. AWS Health Dashboard

Correct Answer: A

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

Which combination of AWS services should the company use to meet these requirements? (Choose two.)

- A. AWS Glue
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon Redshift
- D. Amazon QuickSight
- E. Amazon Quantum Ledger Database (Amazon QLDB)

Correct Answer: BC

A company wants to securely store Amazon RDS database credentials and automatically rotate user passwords periodically.

Which AWS service or capability will meet these requirements?

- A. Amazon S3
- B. AWS Systems Manager Parameter Store
- C. AWS Secrets Manager
- D. AWS CloudTrail

Correct Answer: C

A company is in the early stages of planning a migration to AWS. The company wants to obtain the monthly predicted total AWS cost of ownership for future Amazon EC2 instances and associated storage.

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

- A. AWS Pricing Calculator
- B. AWS Compute Optimizer
- C. AWS Trusted Advisor
- D. AWS Application Migration Service

Correct Answer: C

Which option is an AWS Cloud Adoption Framework (AWS CAF) perspective?

- A. Cloud fluency
- B. Security
- C. Change acceleration
- D. Architecture

Correct Answer: B

Which Amazon S3 storage class is the MOST cost-effective for long-term storage?

- A. S3 Glacier Deep Archive
- B. S3 Standard
- C. S3 Standard-Infrequent Access (S3 Standard-IA)
- D. S3 One Zone-Infrequent Access (S3 One Zone-IA)

Correct Answer: C

Which of the following are benefits of VPC endpoints? (Choose two.)

- A. A VPC endpoint makes private connections possible between an on-premises environment and supported AWS services.
- B. A VPC endpoint applies encryption to a connection that would be unencrypted otherwise.
- C. A VPC endpoint makes private connections possible between a VPC and supported AWS services.
- D. A VPC endpoint does not require an internet gateway, virtual private gateway, NAT device, VPN connection, or AWS Direct Connect connection.
- E. A VPC endpoint makes public connections possible for applications. Instances in the VPC do not require public IP addresses to communicate with the internet.

Correct Answer: AC

Which AWS service should be used when a company needs to provide its remote employees with virtual desktops?

- A. Amazon Identity and Access Management (IAM)
- B. AWS Directory Service
- C. AWS IAM Identity Center (AWS Single Sign-On)
- D. Amazon Workspaces

Correct Answer: D

A company is building a mobile app to provide shopping recommendations to its customers. The company wants to use a graph database as part of the shopping recommendation engine.

Which AWS database service should the company choose?

- A. Amazon DynamoDB
- B. Amazon Aurora
- C. Amazon Neptune
- D. Amazon DocumentDB (with MongoDB compatibility)

Correct Answer: C

A company is planning its migration to the AWS Cloud. The company is identifying its capability gaps by using the AWS Cloud Adoption Framework (AWS CAF) perspectives.

Which phase of the cloud transformation journey includes these identification activities?

- A. Envision
- B. Align
- C. Scale
- D. Launch

Correct Answer: C

A company runs a database on Amazon Aurora in the us-east-1 Region. The company has a disaster recovery requirement that the database be available in another Region.

Which solution meets this requirement with minimal disruption to the database operations?

- A. Perform an Aurora Multi-AZ deployment.
- B. Deploy Aurora cross-Region read replicas.
- C. Create Amazon Elastic Block Store (Amazon EBS) volume snapshots for Aurora and copy them to another Region.
- D. Deploy Aurora Replicas.

Correct Answer: D

A company is looking for a managed machine learning (ML) service that can recommend products based on a customer's previous behaviors.

Which AWS service meets this requirement?

- A. Amazon Personalize
- B. Amazon SageMaker
- C. Amazon Pinpoint
- D. Amazon Comprehend

Correct Answer: A

What is the LEAST expensive AWS Support plan that provides the full set of AWS Trusted Advisor best practice checks for cost optimization?

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

Correct Answer: B

Which AWS service can provide a dedicated network connection with consistent low latency from on premises to the AWS Cloud?

- A. Amazon VPC
- B. Amazon Kinesis Data Streams
- C. AWS Direct Connect
- D. Amazon OpenSearch Service

Correct Answer: C

A company needs a graph database service that is scalable and highly available.

Which AWS service meets these requirements?

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

Correct Answer: C

Which of the following is a benefit that AWS Professional Services provides?

- A. Management of the ongoing security of user data
- B. Advisory solutions for AWS adoption
- C. Technical support 24 hours a day, 7 days a week
- D. Monitoring of monthly billing costs in AWS accounts

Correct Answer: A

A company has set up a VPC on AWS. The company needs a dedicated connection between the VPC and the company's on-premises network.

Which action should the company take to meet this requirement?

- A. Establish a VPN connection between the VPC and the company's on-premises network.
- B. Establish an AWS Direct Connect connection between the VPC and the company's on-premises network.
- C. Attach an internet gateway to the VPCUse the AWS public endpoints for connectivity.
- D. Configure Amazon Connect to provide connectivity between the VPC and the company's on-premises network.

Correct Answer: B

Which AWS services can be used to store files? (Choose two.)

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

Correct Answer: AC

Which AWS service is a continuous delivery and deployment solution?

- A. AWS AppSync
- B. AWS CodePipeline
- C. AWS Cloud9
- D. AWS CodeCommit

Correct Answer: B

An ecommerce company wants to design a highly available application that will be hosted on multiple Amazon EC2 instances.

How should the company deploy the EC2 instances to meet these requirements?

- A. Across multiple edge locations
- B. Across multiple VPCs
- C. Across multiple Availability Zones
- D. Across multiple AWS accounts

Correct Answer: C

A company has a large number of Linux Amazon EC2 instances across several Availability Zones in an AWS Region. Applications that run on the EC2 instances need access to a common set of files.

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

- A. AWS Backup
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon Elastic Block Store (Amazon EBS)
- D. AWS Snowball Edge Storage Optimized

Correct Answer: B

A company migrated its core application onto multiple workloads in the AWS Cloud. The company wants to improve the application's reliability.

Which cloud design principle should the company implement to achieve this goal?

- A. Maximize utilization.
- B. Decouple the components.
- C. Rightsize the resources.
- D. Adopt a consumption model.

Correct Answer: C

A company is planning to migrate to the AWS Cloud. The company wants to identify measurable business outcomes that will explain the value of the company's decision to migrate.

Which phase of the cloud transformation journey includes these activities?

- A. Envision
- B. Align
- C. Scale
- D. Launch

Correct Answer: C

An ecommerce company wants to distribute traffic between the Amazon EC2 instances that host its website.

Which AWS service or resource will meet these requirements?

- A. Application Load Balancer
- B. AWS WAF
- C. AWS CloudHSM
- D. AWS Direct Connect

Correct Answer: A

A company wants to run a NoSQL database on Amazon EC2 instances.

Which task is the responsibility of AWS in this scenario?

- A. Update the guest operating system of the EC2 instances.
- B. Maintain high availability at the database layer.
- C. Patch the physical infrastructure that hosts the EC2 instances.
- D. Configure the security group firewall.

Correct Answer: C

A company is running an application on AWS. The company wants to identify and prevent the accidental download of malware.

Which AWS service or feature will meet these requirements?

- A. Amazon GuardDuty
- B. Network ACL
- C. AWS WAF
- D. AWS Network Firewall

Correct Answer: A

A company needs to apply security rules to a subnet for Amazon EC2 instances.

Which AWS service or feature provides this functionality?

- A. Network ACLs
- B. Security groups
- C. AWS Certificate Manager (ACM)
- D. AWS Config

Correct Answer: B

Which task can a company perform by using security groups in the AWS Cloud?

- A. Allow access to an Amazon EC2 instance through only a specific port.
- B. Deny access to malicious IP addresses at a subnet level.
- C. Protect data that is cached by Amazon Cloud Front.
- D. Apply a stateless firewall to an Amazon EC2 instance.

Correct Answer: B

A company wants to move its iOS application development and build activities to AWS.

Which AWS service or resource should the company use for these activities?

- A. AWS CodeCommit
- B. Amazon EC2 M1 Mac instances
- C. AWS Amplify
- D. AWS App Runner

Correct Answer: C

A company is planning a migration to the AWS Cloud and wants to examine the costs that are associated with different workloads.

Which AWS tool will meet these requirements?

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

Correct Answer: A

A company wants to automatically set up and govern a multi-account AWS environment.

Which AWS service provides this functionality?

- A. AWS IAM Identity Center (AWS Single Sign-On)
- B. AWS Systems Manager
- C. AWS Config
- D. AWS Control Tower

Correct Answer: D

A company wants its Amazon EC2 instances to share the same geographic area but use redundant underlying power sources.

Which solution will meet these requirements?

- A. Use EC2 instances across multiple Availability Zones in the same AWS Region.
- B. Use Amazon CloudFront as the database for the EC2 instances.
- C. Use EC2 instances in the same edge location and the same Availability Zone.
- D. Use EC2 instances in AWS OpsWorks stacks in different AWS Regions.

Correct Answer: A

A global company wants to use a managed security service for protection from SQL injection attacks. The service also must provide detailed logging information about access to the company's ecommerce applications.

Which AWS service will meet these requirements?

- A. AWS Network Firewall
- B. Amazon RDS for SQL Server
- C. Amazon GuardDuty
- D. AWS WAF

Correct Answer: D

A company distributes traffic evenly among a fleet of Amazon EC2 instances. The EC2 instances must accommodate unpredictable increases in traffic.

Which benefit does the AWS Cloud provide to meet this requirement?

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

Correct Answer: B

A company needs Amazon EC2 instances for a workload that can tolerate interruptions.

Which EC2 instance purchasing option meets this requirement with the LARGEST discount compared to On-Demand prices?

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

Correct Answer: D

Which of the following are general AWS Cloud design principles described in the AWS Well-Architected Framework? (Choose two.)

- A. Consolidate key components into monolithic architectures.
- B. Test systems at production scale.
- C. Provision more capacity than a workload is expected to need.
- D. Drive architecture design based on data collected about the workload behavior and requirements.
- E. Make AWS Cloud architectural decisions static, one-time events.

Correct Answer: DE

A company wants its Amazon EC2 instances to provide a low-latency static website to global users.

What should the company do to meet this requirement?

- A. Use the EC2 instances in multiple edge locations.
- B. Use an Application Load Balancer with the EC2 instances configured as the target.
- C. Use the EC2 instances in the same Availability Zone but in different AWS Regions.
- D. Use Amazon Cloud Front with the EC2 instances configured as the source.

Correct Answer: D

A company wants to optimize long-term compute costs of AWS Lambda functions and Amazon EC2 instances.

Which AWS purchasing option should the company choose to meet these requirements?

- A. Dedicated Hosts
- B. Compute Savings Plans
- C. Reserved Instances
- D. Spot Instances

Correct Answer: A

A company encourages its teams to test failure scenarios regularly and to validate their understanding of the impact of potential failures.

Which pillar of the AWS Well-Architected Framework does this philosophy represent?

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

Correct Answer: A

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

Correct Answer: AB

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

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

Correct Answer: AD

Which option is AWS responsible for under the AWS shared responsibility model?

- A. Network and firewall configuration
- B. Client-side data encryption
- C. Management of user permissions
- D. Hardware and infrastructure

Correct Answer: D

A company needs to run some of its workloads on premises to comply with regulatory guidelines. The company wants to use the AWS Cloud to run workloads that are not required to be on premises. The company also wants to be able to use the same API calls for the on-premises workloads and the cloud workloads.

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

- A. Dedicated Hosts
- B. AWS Outposts
- C. Availability Zones
- D. AWS Wavelength

Correct Answer: B

A company wants to use guidelines from the AWS Well-Architected Framework to limit human error and facilitate consistent responses to events.

Which of the following is a Well-Architected design principle that will meet these requirements?

- A. Use AWS Code Deploy.
- B. Perform operations as code.
- C. Migrate workloads to a Dedicated Host.
- D. Use AWS Compute Optimizer.

Correct Answer: B

A company provides a web-based ecommerce service that runs in two Availability Zones within a single AWS Region. The web service distributes content that is stored in the Amazon S3 Standard storage class. The company wants to improve the web service's performance globally.

What should the company do to meet this requirement?

- A. Change the S3 storage class to S3 Intelligent-Tiering.
- B. Deploy an Amazon CloudFront distribution to cache web server content in edge locations.
- C. Use Amazon API Gateway for the web service.
- D. Migrate the website ecommerce servers to Amazon EC2 with enhanced networking.

Correct Answer: B

Which AWS service is designed to help users build conversational interfaces into applications using voice and text?

- A. Amazon Lex
- B. Amazon Transcribe
- C. Amazon Comprehend
- D. Amazon Timestream

Correct Answer: A

Which AWS service offers a global content delivery network (CDN) that helps companies securely deliver websites, videos, applications, and APIs at high speeds with low latency?

- A. Amazon EC2
- B. Amazon CloudFront
- C. Amazon CloudWatch
- D. AWS CloudFormation

Correct Answer: B

A company has only basic knowledge of AWS technologies.

Which AWS service provides the SIMPLEST way for the company to establish a website on AWS?

- A. Amazon Elastic File System (Amazon EFS)
- B. AWS Elastic Beanstalk
- C. AWS Lambda
- D. Amazon Lightsail

Correct Answer: D

Which task can only an AWS account root user perform?

- A. Changing the AWS Support plan
- B. Deleting AWS resources
- C. Creating an Amazon EC2 instance key pair
- D. Configuring AWS WAF

Correct Answer: D

A company must store call recordings for 6 years. The storage system should be highly durable and cost-effective.

Which AWS service meets these requirements?

- A. AWS Snowball
- B. Amazon S3
- C. AWS Storage Gateway
- D. Amazon Kinesis

Correct Answer: B

A company is preparing to launch a redesigned website on AWS. Users from around the world will download digital handbooks from the website.

Which AWS solution should the company use to provide these static files securely?

- A. Amazon Kinesis Data Streams
- B. Amazon CloudFront with Amazon S3
- C. Amazon EC2 instances with an Application Load Balancer
- D. Amazon Elastic File System (Amazon EFS)

Correct Answer: B

A company is using AWS Organizations to configure AWS accounts.

Which design principle is a best practice for the company to implement?

- A. Organize accounts based on security and operational needs.
- B. Assign multiple sets of related workloads to each production account.
- C. Deploy workloads to the organization's management account.
- D. Combine production workloads and non-production workloads.

Correct Answer: C

A user is moving a workload from a local data center to an architecture that is distributed between the local data center and the AWS Cloud.

Which type of migration is this?

- A. On-premises to cloud native
- B. Hybrid to cloud native
- C. On-premises to hybrid
- D. Cloud native to hybrid

Correct Answer: A

Which AWS solution provides the ability for a company to run AWS services in the company's on-premises data center?

- A. AWS Direct Connect
- B. AWS Outposts
- C. AWS Systems Manager hybrid activations
- D. AWS Storage Gateway

Correct Answer: B

A company needs a data warehouse for analytical workloads. The data warehouse must support standard SQL queries.

Which AWS service meets these requirements?

- A. Amazon EMR
- B. Amazon Athena
- C. Amazon Redshift
- D. Amazon RDS

Correct Answer: B

A company wants guidance to optimize the cost and performance of its current AWS environment.

Which AWS service or tool should the company use to identify areas for optimization?

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

Correct Answer: B

A company is setting up AWS Identity and Access Management (IAM) on an AWS account.

Which recommendation complies with IAM security best practices?

- A. Use the account root user access keys for administrative tasks.
- B. Grant broad permissions so that all company employees can access the resources they need.
- C. Turn on multi-factor authentication (MFA) for added security during the login process.
- D. Avoid rotating credentials to prevent issues in production applications.

Correct Answer: D

Which AWS services can a company use to host and run a MySQL database? (Choose two.)

- A. Amazon RDS
- B. Amazon DynamoDB
- C. Amazon S3
- D. Amazon EC2
- E. Amazon MQ

Correct Answer: A

A company wants a key-value NoSQL database that is fully managed and serverless.

Which AWS service will meet these requirements?

- A. Amazon DynamoDB
- B. Amazon RDS
- C. Amazon Aurora
- D. Amazon MemoryDB for Redis

Correct Answer: A

A company is migrating to the AWS Cloud and wants to optimize the use of its current software licenses.

Which AWS services, features, or purchasing options can the company use to meet these requirements? (Choose two.)

- A. AWS Compute Optimizer
- B. Amazon EC2 Dedicated Hosts
- C. Savings Plans
- D. AWS License Manager
- E. AWS Budgets

Correct Answer: *B*

A company seeks cost savings in exchange for a commitment to use a specific amount of an AWS service or category of AWS services for 1 year or 3 years.

Which AWS pricing model or offering will meet these requirements?

- A. Pay-as-you-go pricing
- B. Savings Plans
- C. AWS Free Tier
- D. Volume discounts

Correct Answer: *D*

A company needs to control inbound and outbound traffic for an Amazon EC2 instance.

Which AWS service or feature can the company associate with the EC2 instance to meet this requirement?

- A. Network ACL
- B. Security group
- C. AWS WAF
- D. VPC route tables

Correct Answer: *B*

A company wants to query its server logs to gain insights about its customers' experiences.

Which AWS service will store this data MOST cost-effectively?

- A. Amazon Aurora
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon S3

Correct Answer: C

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

- A. Automatically recover from failure.
- B. Grant everyone access to increase AWS service quotas.
- C. Stop guessing capacity.
- D. Design applications to run in a single Availability Zone.
- E. Plan to increase AWS service quotas first in a secondary AWS Region.

Correct Answer: A

A company has an environment that includes Amazon EC2 instances, Amazon Lightsail, and on-premises servers. The company wants to automate the security updates for its operating systems and applications.

Which solution will meet these requirements with the LEAST operational effort?

- A. Use AWS Shield to identify and manage security events.
- B. Connect to each server by using a remote desktop connection. Run an update script.
- C. Use the AWS Systems Manager Patch Manager capability.
- D. Schedule Amazon GuardDuty to run on a nightly basis.

Correct Answer: D

Which AWS service is deployed to VPCs and provides protection from common network threats?

- A. AWS Shield
- B. AWS WAF
- C. AWS Network Firewall
- D. AWS Firewall Manager

Correct Answer: C

Which AWS service provides encryption at rest for Amazon RDS and for Amazon Elastic Block Store (Amazon EBS) volumes?

- A. AWS Lambda
- B. AWS Key Management Service (AWS KMS)
- C. AWS WAF
- D. Amazon Rekognition

Correct Answer: D