

Question: 1

CLFC0

A company plans to use an Amazon Snowball Edge device to transfer files to the AWS Cloud. Which activities related to a Snowball Edge device are available to the company at no cost?

- A. Use of the Snowball Edge appliance for a 10-day period
- B. The transfer of data out of Amazon S3 and to the Snowball Edge appliance
- C. **The transfer of data from the Snowball Edge appliance into Amazon S3**
- D. Daily use of the Snowball Edge appliance after 10 days

Answer: C**Explanation:**

The transfer of data from the Snowball Edge appliance into Amazon S3.

Question: 2**CLF-C02 Exam- Actual Q&A | CLEARCATNET**

A company has deployed applications on Amazon EC2 instances. The company needs to assess application vulnerabilities and must identify infrastructure deployments that do not meet best practices. Which AWS service can the company use to meet these requirements?

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

Answer: B**Explanation:**

Answer B: Amazon Inspector is an automated vulnerability management service that helps improve the security and compliance of applications deployed on AWS. Amazon Inspector automatically assesses applications for exposure, vulnerabilities, and deviations from best practices. After performing an assessment, Amazon Inspector produces a detailed list of security findings prioritized by level of severity.

Reference:

<https://aws.amazon.com/inspector/Software Vulnerability / Application Vulnerability>

Question: 3

CLFC0

A company has a centralized group of users with large file storage requirements that have exceeded the space available on premises. The company wants to extend its file storage capabilities for this group while retaining the performance benefit of sharing content locally.

What is the MOST operationally efficient AWS solution for this scenario?

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

volume. Share the EBS volume directly with the users.

Answer: B

Explanation:

B is correct AWS Storage Gateway: Connect [on premises] with [AWS S3]file gateway: one of the AWS Storage Gateway's interface.

Question: 4

CLF-C02 Exam- Actual Q&A | CLEARCATNET

According to security best practices, how should an Amazon EC2 instance be given access to an Amazon S3 bucket?

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

Answer: C

Explanation:

Have the EC2 instance assume a role to obtain the privileges to upload the file.

Reference:

<https://repost.aws/knowledge-center/ec2-instance-access-s3-bucket#>

Question: 5

CLF-C02 Exam- Actual Q&A | CLEARCATNET

Which option is a customer responsibility when using Amazon DynamoDB under the AWS Shared Responsibility Model?

- A.Physical security of DynamoDB
- B.Patching of DynamoDB
- C.Access to DynamoDB tables**
- D.Encryption of data at rest in DynamoDB

Answer: C

Explanation:

C. Access to DynamoDB tables Under the AWS Shared Responsibility Model, controlling and managing access to AWS services, including Amazon DynamoDB tables, is a customer responsibility. While AWS takes care of the physical infrastructure, patching, and encryption of data at rest in DynamoDB, customers are responsible for setting up proper access controls, authentication, and authorization to protect their data and resources.

Question: 6

CLFC0

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

Answer: C

Explanation:

C is the correct answer !The 6 AWS CAF perspectives are: Business, People, Governance, Platform, Security and Operations.

<https://abhi0751.medium.com/aws-cloud-adoption-framework-aws-caf-a512b89dbcba>

Question: 7

CLFC0

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

Answer: C

Explanation:

C is the correct answer. AWS Fargate is a serverless, pay-as-you-go compute engine that lets you focus on building applications without managing servers. AWS Fargate is compatible with both Amazon Elastic Container Service (Amazon ECS) and Amazon Elastic Kubernetes Service (Amazon EKS).

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

Question: 8

CLFC0

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

- A. Update the guest operating system of the EC2 instances.
- B. Maintain high availability at the database layer.
- C.Patch the physical infrastructure that hosts the EC2 instances.**
- D.Configure the security group firewall.

Answer: C

Explanation:

A is incorrect because when we set up an instance of ec2 we choose the operating system. B is incorrect

because we are configuring and running the database on the ec2 instances so that would be our responsibility. D is incorrect because the firewall rules are our job. C is correct because the physical infrastructure where the ec2 instances run is amazon's responsibility.

Question: 9**CLFC0**

Which AWS services or tools can identify rightsizing opportunities for Amazon EC2 instances? (Choose two.)

- A.AWS Cost Explorer
- B.AWS Billing Conductor
- C.Amazon CodeGuru
- D.Amazon SageMaker
- E.AWS Compute Optimizer

Answer: AE**Explanation:**

A.AWS Cost Explorer.

E.AWS Compute Optimizer.

Reference:

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

Question: 10**CLF-C02 Exam- Actual Q&A | CLEARCATNET**

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

- A. Providing high-performance container orchestration
- B.Creating and rotating encryption keys
- C.Detecting underutilized resources to save costs
- D.Improving security by proactively monitoring the AWS environment
- E.Implementing enforced tagging across AWS resources

Answer: CD**Explanation:**

C & D are correct. Benefits of Trusted Advisor:

- Cost optimization - Trusted Advisor can help you save cost with actionable recommendations by analyzing usage, configuration and spend.
- Performance - Trusted Advisor can help improve the performance of your services with actionable recommendations by analyzing usage and configuration.
- Security - Trusted Advisor can help improve the security of your AWS environment by suggesting foundational security best practices curated by security experts.
- Fault tolerance - Trusted Advisor can help improve the reliability of your services.
- Service quotas - Service quotas are the maximum number of resources that you can create in an AWS account.

Reference:

<https://aws.amazon.com/premiumsupport/technology/trusted-advisor/>

Question: 11**CLFC0**

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

Answer: A**Explanation:**

- A. Elimination of expenses for running and maintaining data centers.

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

Question: 12**CLEARCATNET****CLF-C02 Exam- Actual Q&A |**

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

- A.AWS Resource Explorer
- B.AWS Service Catalog
- C.AWS Organizations

Answer: B**Explanation:**

B - AWS Service Catalog is correct. AWS Service Catalog lets you centrally manage your cloud resources to achieve governance at scale of your infrastructure as code (IaC) templates, written in CloudFormation or Terraform configurations.

Reference:

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

Question: 13**CLFC0**

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

- A.AWS Organizations
- B.AWS Pricing Calculator
- C.AWS Cost Explorer
- D.AWS Service Catalog

Answer: C

Explanation:

C - AWS Cost Explorer is correct." AWS Cost Explorer has an easy-to-use interface that lets you visualize, understand, and manage your AWS costs and usage over time."

Reference:

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

Question: 14

CLF-C02 Exam- Actual Q&A | CLEARCATNET

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)

Answer: AD

Explanation:

The answer is AD.AWS Glue is a serverless data integration service that makes it easier to discover, prepare, move, and integrate data from multiple sources for analytics, machine learning (ML), and application development. Amazon Quick Sight powers data-driven organizations with unified business intelligence (BI) at hyperscale. With Quick Sight, all users can meet varying analytic needs from the same source of truth through modern interactive dashboards, paginated reports, embedded analytics, and natural language queries.

Reference:

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

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

Question: 15

CLFC0

A global company wants to migrate its third-party applications to the AWS Cloud. The company wants help from a global team of experts to complete the migration faster and more reliably in accordance with AWS internal best practices.

Which AWS service or resource will meet these requirements?

- A.AWS Support
- B.AWS Professional Services**
- C.AWS Launch Wizard
- D.AWS Managed Services (AMS)

Answer: B

Explanation:

The Correct answer is B. The AWS Professional Services organization is a global team of experts that can help you realize your desired business outcomes when using the AWS Cloud. We work together with your team and your chosen member of the AWS Partner Network (APN) to execute your enterprise cloud computing initiatives.

Reference:

<https://aws.amazon.com/professional-services/>

CLF-C02 Exam- Actual Q&A | CLEARCATNET

An e-learning platform needs to run an application for 2 months each year. The application will be deployed on Amazon EC2 instances. Any application downtime during those 2 months must be avoided. Which EC2 purchasing option will meet these requirements MOST cost-effectively?

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

Answer: D**Explanation:**

D - On-Demand Instances is correct. "On-Demand Instances are recommended for:

- Users that prefer the low cost and flexibility of EC2 without any upfront payment or long-term commitment
- Applications with short-term, spiky, or unpredictable workloads that cannot be interrupted
- Applications being developed or tested on EC2 for the first time"

 Reference:

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

Question: 17**CLFC0**

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

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

Answer: B**Explanation:**

B - AWS Elastic Beanstalk is correct.

Deploy scalable web applications in minutes without the complexity of provisioning and managing underlying infrastructure.

Reference:

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

Question: 18

CLFC0

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

Answer: B

Explanation:

B - S3 Versioning is correct.

"Versioning-enabled buckets can help you recover objects from accidental deletion or overwrite.

Reference:

<https://docs.aws.amazon.com/AmazonS3/latest/userguide/Versioning.html>

Question: 19

CLFC0

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

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

Answer: D

Explanation:

The Correct answer is D.AWS Cloud Formation lets you model, provision, and manage AWS and third-party resources by treating infrastructure as code.

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

Question: 20

CLFC0

An online gaming company needs to choose a purchasing option to run its Amazon EC2 instances for 1 year. The web traffic is consistent, and any increases in traffic are predictable. The EC2 instances must be online and available without any disruption.

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

- A. On-Demand Instances
- B. Reserved Instances**
- C. Spot Instances
- D. Spot Fleet

Answer: B

Explanation:

The Correct answer is B. Amazon EC2 Reserved Instances (RI) provide a significant discount (up to 72%) compared to On-Demand pricing and provide a capacity reservation when used in a specific Availability Zone. Terms (avg. discount off On-Demand) - 1yr (40%), 3yr (60%).

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

Question: 21

CLFC0

Which AWS service or feature allows a user to establish a dedicated network connection between a company's on-premises data center and the AWS Cloud?

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

Answer: A

Explanation:

The Correct answer is A. Create a dedicated network connection to AWS. The AWS Direct Connect cloud service is the shortest path to your AWS resources. While in transit, your network traffic remains on the AWS global network and never touches the public internet.

Reference:

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

Question: 22

CLFC0

Which option is a physical location of the AWS global infrastructure?

- A.AWS DataSync
- B.AWS Region**
- C.Amazon Connect
- D.AWS Organizations

Answer: B

Explanation:

The Correct answer is B.AWS has the concept of a Region, which is a physical location around the world where we cluster data centers. We call each group of logical data centers an Availability Zone. Each AWS Region

consists of a minimum of three, isolated, and physically separate AZs within a geographic area.

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

Question: 23

CLFC0

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

Answer: B

Explanation:

The Correct answer is B. Security - For Infrastructure Protection and Data Protection.

<https://abhi0751.medium.com/aws-cloud-adoption-framework-aws-caf-a512b89dbcba>

Question: 24

CLFC0

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

Answer: B

Explanation:

B is correct. "An internet gateway is a horizontally scaled, redundant, and highly available VPC component that allows communication between your VPC and the internet."

Reference:

https://docs.aws.amazon.com/vpc/latest/userguide/VPC_Internet_Gateway.html

Question: 25

CLFC0

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.

Answer: D

Explanation:

The Correct answer is D. Dependencies such as queuing systems, streaming systems, workflows, and load balancers are loosely coupled. Loose coupling helps isolate behaviour of a component from other components that depend on it, increasing resiliency and agility.

https://docs.aws.amazon.com/wellarchitected/latest/framework/rel_prevent_interaction_failure_loosely_coupled_

Question: 26

CLFC0

A company has an AWS account. The company wants to audit its password and access key rotation details for compliance purposes.

Which AWS service or tool will meet this requirement?

- A.IAM Access Analyzer
- B.AWS Artifact
- C.IAM credential report
- D.AWS Audit Manager

Answer: C

Explanation:

The Correct answer is C.You can use credential reports to assist in your auditing and compliance efforts. You can use the report to audit the effects of credential lifecycle requirements, such as password and access key updates. https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_getting-report.html

Question: 27

CLF-C02 Exam- Actual Q&A | CLEARCATNET

A company wants to receive a notification when a specific AWS cost threshold is reached. Which AWS services or tools can the company use to meet this requirement? (Choose two.)

- A. Amazon Simple Queue Service (Amazon SQS)
- B.AWS Budgets
- C. Cost Explorer
- D. Amazon CloudWatch
- E.AWS Cost and Usage Report

Answer: BD

Explanation:

B. AWS Budgets: AWS Budgets is a service that allows you to set custom cost and usage budgets for your AWS resources. You can configure a budget with a specific threshold and define actions, such as sending notifications, when that threshold is reached.D. Amazon CloudWatch: Amazon CloudWatch is a monitoring service that can be used to collect and track metrics, logs, and events from various AWS resources. It supports setting up alarms based on cost metrics, so you can create an alarm for a specific cost threshold and

configure it to send notifications when the threshold is breached.

Question: 28

CLFC0

Which AWS service or resource provides answers to the most frequently asked security-related questions that AWS receives from its users?

- A.AWS Artifact
- B.Amazon Connect
- C.AWS Chatbot
- D.AWS Knowledge Center

Answer: D

Explanation:

1. Answer D is Correct. Key: "service or resource provides answers to the most frequently asked security-related questions"
2. The correct answer is D.AWS Official Knowledge Center articles and videos covering the most frequent questions and requests that we receive from AWS customers.

<https://repost.aws/knowledge-center>

Question: 29

CLFC0

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.

Answer: AB

Explanation:

- A. Configure the AWS provided security group firewall.
- B. Classify company assets in the AWS Cloud.

Question: 30

CLFC0

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

Answer: BE

Explanation:

The Correct answer is BE.AWS Well-Architected helps cloud architects build secure, high-performing, resilient, and efficient infrastructure for a variety of applications and workloads. Built around six pillars—operational excellence, security, reliability, performance efficiency, cost optimization, and sustainability.

Question: 31

CLF-C02 Exam- Actual Q&A | CLEARCATNET

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)

Answer: A

Explanation:

The answer is A. Amazon Simple Notification Service (Amazon SNS) sends notifications two ways, A2A and A2P. A2A provides high-throughput, push-based, many-to-many messaging between distributed systems, microservices, and event-driven serverless applications. These applications include Amazon Simple Queue Service (SQS), Amazon Kinesis Data Firehose, AWS Lambda, and other HTTPS endpoints. A2P functionality lets you send messages to your customers with SMS texts, push notifications, and email.

Reference:

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

Question: 32

CLFC0

A user needs programmatic access to AWS resources through the AWS CLI or the AWS API. Which option will provide the user with the appropriate access?

- A. Amazon Inspector
- B. Access keys
- C. SSH public keys
- D. AWS Key Management Service (AWS KMS) keys

Answer: B

Explanation:

The answer is B. "Access keys are long-term credentials for an IAM user or the AWS account root user. You can use access keys to sign programmatic requests to the AWS CLI or AWS API (directly or using the AWS SDK).

Reference:

Question: 33

CLFC0

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

Answer: B

Explanation:

Spot Instances are a good fit for stateless, fault-tolerant workloads that can be interrupted without any impact on the overall job.

Question: 34

CLFC0

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

Answer: AC

Explanation:

- A. The speed at which AWS resources are implemented.
- C. The ability to experiment quickly.

Question: 35

CLFC0

A company needs to block SQL injection attacks.

Which AWS service or feature can meet this requirement?

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

Answer: A

Explanation:

The answer is A.AWS WAF helps you protect against common web exploits and bots that can affect availability, compromise security, or consume excessive resources.

Reference:

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

Question: 36**CLFC0**

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

Answer: C**Explanation:**

The answer is C.IAM Access Analyzer helps identify resources in your organization and accounts that are shared with an external entity.

Reference:

<https://docs.aws.amazon.com/IAM/latest/UserGuide/what-is-access-analyzer.html>

Question: 37**CLFC0**

A cloud practitioner needs to obtain AWS compliance reports before migrating an environment to the AWS Cloud. How can these reports be generated?

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

Answer: B**Explanation:**

AWS Artifact is a portal that provides access to various compliance reports, including certifications, attestations, and other relevant documents. You can download these reports directly from AWS Artifact.

Reference:

<https://docs.aws.amazon.com/artifact/latest/ug/downloading-documents.html>

Question: 38**CLFC0**

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

Answer: A**Explanation:**

Correct answer is A:Cost of application software licenses.

Question: 39**CLF-C02 Exam- Actual Q&A | CLEARCATNET**

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.

Answer: C**Explanation:**

Turn on multi-factor authentication (MFA) for added security during the login process. Enabling multi-factor authentication (MFA) for user accounts, especially for users with administrative or high-privilege access, is a crucial security best practice. MFA adds an additional layer of security by requiring users to provide two or more verification factors (typically something they know, like a password, and something they have, like a temporary MFA code from a hardware token or mobile app) before gaining access. This significantly reduces the risk of unauthorized access, even if login credentials are compromised.

Question: 40**CLFC0**

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

Answer: BE**Explanation:**

B.The ability to rightsize resources as demand shifts.

E.How easily resources can be procured when they are needed.

Question: 41

CLFC0

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

Answer: A

Explanation:

Cloud Trail is a service that enables governance, compliance, operational auditing, and risk auditing of your AWS account. It records and logs all API calls made within your account, including who made them, when they were made, and which resources were affected.

Question: 42

CLFC0

What is a customer responsibility when using AWS Lambda according to the AWS shared responsibility model?

- A.Managing the code within the Lambda function
- B.Confirming that the hardware is working in the data center
- C.Patching the operating system
- D.Shutting down Lambda functions when they are no longer in use

Answer: A

Explanation:

Managing the code within the Lambda function.

Question: 43

CLFC0

A company has 5 TB of data stored in Amazon S3. The company plans to occasionally run queries on the data for analysis.

Which AWS service should the company use to run these queries in the MOST cost-effective manner?

- A. Amazon Redshift
- B. **Amazon Athena**
- C. Amazon Kinesis
- D. Amazon RDS

Answer: B

Explanation:

The answer is B. Amazon Athena is a serverless, interactive analytics service built on open-source frameworks, supporting open-table and file formats. Athena provides a simplified, flexible way to analyze petabytes of data where it lives. Analyze data or build applications from an Amazon Simple Storage Service (S3) data lake and 30 data sources, including on-premises data sources or other cloud systems using SQL or Python. Athena is built on open-source Trino and Presto engines and Apache Spark frameworks, with no provisioning or configuration effort required.

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

Question: 44

CLF-C02 Exam- Actual Q&A | CLEARCATNET

Which AWS service can be used at no additional cost?

- A. Amazon SageMaker
- B.AWS Config
- C.AWS Organizations**
- D.Amazon CloudWatch

Answer: C

Explanation:

The answer is C.AWS Organizations is an account management service that enables you to consolidate multiple AWS accounts into an organization that you create and centrally manage. AWS Organizations is offered at no additional charge. You are charged only for AWS resources that users and roles in your member accounts use. For example, you are charged the standard fees for Amazon EC2 instances that are used by users or roles in your member accounts.

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

Question: 45

CLFC0

Which AWS Cloud Adoption Framework (AWS CAF) capability belongs to the people perspective?

- A.Data architecture
- B.Event management
- C.Cloud fluency**
- D.Strategic partnership

Answer: C

Explanation:

The answer is C.Data architecture => PlatformEvent management => OperationsCloud fluency => PeopleStrategic partnership => Business.

<https://abhi0751.medium.com/aws-cloud-adoption-framework-aws-caf-a512b89dbcba>

Question: 46

CLFC0

A company wants to make an upfront commitment for continued use of its production Amazon EC2 instances in exchange for a reduced overall cost.

Which pricing options meet these requirements with the LOWEST cost? (Choose two.)

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

Answer: CD

Explanation:

- C.Reserved Instances.
- D.Savings Plans.

Question: 47

CLFC0

A company wants to migrate its on-premises relational databases to the AWS Cloud. The company wants to use infrastructure as close to its current geographical location as possible.

Which AWS service or resource should the company use to select its Amazon RDS deployment area?

- A.Amazon Connect
- B.AWS Wavelength
- C.AWS Regions
- D.AWS Direct Connect

Answer: C

Explanation:

Correct answer is C:AWS Regions.

Question: 48

CLFC0

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

Answer: B

Explanation:

The answer is B.AWS Pricing Calculator is a web-based planning tool that you can use to create estimates for your AWS use cases. You can use it to model your solutions before building them, explore the AWS service

price points, and review the calculations behind your estimates.

Reference:

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

Question: 49

CLFC0

A company is building an application that needs to deliver images and videos globally with minimal latency. Which approach can the company use to accomplish this in a cost effective manner?

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

Answer: A

Explanation:

Deliver the content through Amazon CloudFront.

Question: 50

CLFC0

Which option is a benefit of the economies of scale based on the advantages of cloud computing?

- A.The ability to trade variable expense for fixed expense
- B.Increased speed and agility
- C.Lower variable costs over fixed costs
- D.Increased operational costs across data centers

Answer: C

Explanation:

C seems to be correct. it is the only one that reflects cost benefits which are asked in the question. While A also mentioned cost it is contradicting the value of cloud which is trade capital expense for variable cost.

Question: 51

CLFC0

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

- A.AWS CLI
- B.AWS Developer Center
- C.AWS Cloud Development Kit (AWS CDK)
- D.AWS CodeStar

Answer: C

Explanation:

C. AWS Cloud Development Kit (AWS CDK)AWS CDK is a software development framework that enables developers to define infrastructure as code (IaC) using familiar programming languages like TypeScript, Python, Java, C#, and more. With AWS CDK, you can define cloud resources, their relationships, and provisioning logic in your preferred programming language. AWS CDK also generates CloudFormation templates based on your code, making it easier to manage and deploy infrastructure resources in AWS.

Question: 52**CLF-C02 Exam- Actual Q&A | CLEARCATNET**

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

Answer: C**Explanation:**

C. AWS Security Token Service (AWS STS)AWS STS provides a way to grant temporary, limited-privilege credentials to users, applications, or services. These temporary credentials can be used to access AWS resources securely without having to use long-term access keys or IAM user credentials.

Question: 53**CLFC0**

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

Answer: A**Explanation:**

AWS Security Hub is a cloud security posture management (CSPM) service that performs automated, continuous security best practice checks against your AWS resources to help you identify misconfigurations, and aggregates your security alerts (i.e. findings) in a standardized format so that you can more easily enrich, investigate, and remediate them

Reference:

<https://aws.amazon.com/security-hub/features/?nc=sn&loc=2>

Question: 54

CLFC0

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

Answer: B**Explanation:**

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

"Reference:

<https://aws.amazon.com/iam/getting-started/?nc=sn&loc=3>

Question: 55

CLFC0

To reduce costs, a company is planning to migrate a NoSQL database to AWS.

Which AWS service is fully managed and can automatically scale throughput capacity to meet database workload demands?

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

Answer: C**Explanation:**

Correct answer is C" Amazon DynamoDB is a fully managed NoSQL database service that provides fast and predictable performance with seamless scalability.

Reference:

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

Question: 56

CLFC0

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.

Answer: C

Explanation:

Correct answer is C:Manage database access permissions.

Question: 57**CLFC0**

A company has a test AWS environment. A company is planning on testing an application within AWS. The application testing can be interrupted and does not need to run continuously.

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

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

Answer: C**Explanation:**

Spot Instances are a good fit for stateless, fault-tolerant workloads that can be interrupted without any impact on the overall job.

Question: 58**CLFC0**

Which AWS service gives users the ability to discover and protect sensitive data that is stored in Amazon S3 buckets?

- A. Amazon Macie**
- B. Amazon Detective
- C. Amazon GuardDuty
- D.AWS IAM Access Analyzer

Answer: A**Explanation:**

A. Amazon Macie Amazon Macie is a security service that uses machine learning to automatically discover, classify, and protect sensitive data in Amazon S3. It helps you identify and protect data such as personally identifiable information (PII), financial information, intellectual property, and more by monitoring data access and alerting you to potential security risks.

Question: 59**CLFC0**

Which of the following services can be used to block network traffic to an instance? (Choose two.)

- A. Security groups**
- B. Amazon Virtual Private Cloud (Amazon VPC) flow logs
- C.Network ACLs**
- D.Amazon CloudWatch

Answer: AC

Explanation:

- A. Security groups
- C. Network ACLs

Security groups are stateful firewalls that control inbound and outbound traffic at the instance level. You can configure security groups to allow or deny specific types of network traffic to and from your instances. Network ACLs (Access Control Lists) are stateless firewalls that control traffic at the subnet level. Network ACLs define rules to allow or deny traffic based on source and destination IP addresses, ports, and protocols.

Question: 60

CLF-C02 Exam- Actual Q&A | CLEARCATNET

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

- A.AWS Identity and Access Management (IAM)
- B.AWS CloudTrail**
- C.AWS Compute Optimizer
- D.Amazon EventBridge

Answer: B

Explanation:

B. AWS CloudTrailAWS CloudTrail is a service that records all API activity in your AWS account, including the termination of EC2 instances. It creates log entries for various events, providing an audit trail of actions taken on resources. By reviewing CloudTrail logs, you can identify when an EC2 instance was terminated, who initiated the termination, and other relevant details about the event.

Question: 61

CLFC0

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

- A. Amazon S3
- B. Amazon DynamoDB
- C. Amazon Redshift
- D. Amazon Aurora**

Answer: D

Explanation:

D. Amazon AuroraAmazon Aurora is a relational database service that is compatible with MySQL and PostgreSQL. It is fully managed by AWS and is designed for high availability, performance, and scalability while maintaining MySQL compatibility. Aurora offers features like automated backups, read replicas, and seamless failover to ensure data durability and availability. It's a popular choice for applications that require a MySQL-compatible database with the benefits of a fully managed service.

Question: 62**CLF-C02 Exam- Actual Q&A | CLEARCATNET**

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

Answer: C**Explanation:**

C. AWS Outposts AWS Outposts enables you to run AWS infrastructure and services on premises while seamlessly connecting to the AWS cloud. This service extends the AWS ecosystem to your on-premises locations, allowing you to take advantage of cloud benefits while addressing the requirements of data residency, low-latency applications, and specific regulatory needs in hybrid environments.

Question: 63**CLFC0**

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

- A. Amazon DynamoDB
- B. Amazon Athena
- C. Amazon RDS**
- D. Amazon EMR

Answer: C**Explanation:**

C. Amazon RDS (Relational Database Service)Amazon RDS supports various database engines, including PostgreSQL, and offers a managed database service suitable for OLTP workloads. With Amazon RDS for PostgreSQL, you can easily set up, operate, and scale a PostgreSQL database without the administrative overhead of managing the infrastructure.

Question: 64**CLFC0**

A company wants to provide managed Windows virtual desktops and applications to its remote employees over secure network connections.

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

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

Answer: CD

Explanation:

CD is right. Amazon AppStream 2.0 is a service for streaming desktop applications to a web browser, but it is different from full Windows virtual desktops provided by Amazon WorkSpaces.

Question: 65

CLF-C02 Exam- Actual Q&A | CLEARCATNET

A company wants to monitor for misconfigured security groups that are allowing unrestricted access to specific ports.

Which AWS service will meet this requirement?

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

Answer: A

Explanation:

A. AWS Trusted Advisor AWS Trusted Advisor is a service that provides recommendations for optimizing your AWS infrastructure. It includes checks for security best practices, such as identifying security groups that have overly permissive rules, which would allow unrestricted access to specific ports. It offers guidance on how to address these misconfigurations.

Question: 66

CLFC0

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

Answer: A

Explanation:

Amazon DynamoDB is a nonrelational database that delivers reliable performance at any scale. It's a fully managed, multi-region, multi-master database that provides consistent single-digit millisecond latency, and offers built-in security, backup and restore, and in-memory caching.

Question: 67

CLFC0

A company is deploying a machine learning (ML) research project that will require a lot of compute power over several months. The ML processing jobs do not need to run at specific times.

Which Amazon EC2 instance purchasing option will meet these requirements at the lowest cost?

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

Answer: B

Explanation:

- B. Spot Instances

Spot Instances are the most cost-effective option for workloads that can be flexible about when they run. They allow you to use spare Amazon EC2 capacity at a significantly lower price compared to On-Demand Instances. Spot Instances are ideal for workloads like batch processing, data analysis, and machine learning jobs that can be interrupted or scheduled flexibly.

Question: 68

CLF-C02 Exam- Actual Q&A | CLEARCATNET

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

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

Answer: BC

Explanation:

B. EC2 Amazon Machine Images (AMIs): AMIs are used to create backups of EC2 instances, and they can be used to launch replacement instances in the event of a disaster or data loss. AMIs are essential for creating recovery points for your EC2 instances.C. Amazon Elastic Block Store (Amazon EBS) snapshots: EBS snapshots allow you to create point-in-time backups of your EBS volumes. These snapshots can be used to restore data or create new EBS volumes, making them a key component of disaster recovery for EC2 instances.

Question: 69

CLFC0

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

- A.AWS CloudHSM
- B.AWS CloudShell**
- C.Amazon WorkSpaces
- D.AWS Cloud Map

Answer: B

Question: 70**CLFC0**

A network engineer needs to build a hybrid cloud architecture connecting on-premises networks to the AWS Cloud using AWS Direct Connect. The company has a few VPCs in a single AWS Region and expects to increase the number of VPCs to hundreds over time.

Which AWS service or feature should the engineer use to simplify and scale this connectivity as the VPCs increase in number?

- A.VPC endpoints
- B.AWS Transit Gateway**
- C.Amazon Route 53
- D.AWS Secrets Manager

Answer: B**Question: 71****CLFC0**

A company wants to assess its operational readiness. It also wants to identify and mitigate any operational risks ahead of a new product launch.

Which AWS Support plan offers guidance and support for this kind of event at no additional charge?

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

Answer: D**Question: 72****CLFC0**

A company wants to establish a schedule for rotating database user credentials.

Which AWS service will support this requirement with the LEAST amount of operational overhead?

- A.AWS Systems Manager
- B.AWS Secrets Manager**
- C.AWS License Manager
- D.AWS Managed Services

Answer: B**Question: 73****CLFC0**

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

Answer: C

Explanation:

Answer is C. Direct connect is for private dedicated connection between on-premise and AWS. PrivateLink is used when you communicate with third-party VPCs and it requires a network load balancer (Service VPC) and ENI (Customer VPC).

AWS PrivateLink: Establish connectivity between VPCs and AWS services without exposing data to the internet
DirectConnect: Create a dedicated network connection to AWS.

Question: 74

CLFC0

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

Answer: C

Explanation:

Use Amazon EBS encryption as a straight-forward encryption solution for your EBS resources associated with your EC2 instances. With Amazon EBS encryption, you aren't required to build, maintain, and secure your own key management infrastructure. Amazon EBS encryption uses AWS KMS keys when creating encrypted volumes and snapshots.

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

Question: 75

CLFC0

A company wants to manage its AWS Cloud resources through a web interface.
Which AWS service will meet this requirement?

- A.AWS Management Console**
- B.AWS CLI
- C.AWS SDK
- D.AWS Cloud9

Answer: A

Question: 76

CLFC0

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. Overprovision to ensure capacity

Answer: BC

Explanation:

B. Ability to quickly change required capacity: With the AWS Cloud, users can easily scale their infrastructure up or down based on demand. This flexibility allows for rapid adjustment of resources to match application needs, enabling cost optimization and efficient resource utilization.C. High economies of scale: AWS operates at a large scale, serving millions of customers globally. This scale allows AWS to achieve cost efficiencies and pass on the benefits to customers. By leveraging AWS services, users can access enterprise-grade infrastructure and services without the need for significant upfront investment in hardware or infrastructure.

Question: 77

CLFC0

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

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

Answer: D

Explanation:

The correct answer is D. High availability .

Reference:

<https://aws.amazon.com/marketplace/solutions/infrastructure-software/high-availability>

Question: 78

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CLF-C02 Exam- Actual Q&A |

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

Answer: D

Explanation:

D. AWS CloudFormation "AWS CloudFormation lets you model, provision, and manage AWS and third-party resources by treating infrastructure as code."

Question: 79

CLFC0

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

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

Answer: B**Question: 80**

CLFC0

Which AWS service helps deliver highly available applications with fast failover for multi-Region and Multi-AZ architectures?

- A.AWS WAF
- B.AWS Global Accelerator**
- C.AWS Shield
- D.AWS Direct Connect

Answer: B**Explanation:**

Correct answer is B:AWS Global Accelerator.

Question: 81

CLFC0

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

Answer: C**Question: 82**

CLFC0

What are the benefits of consolidated billing for AWS Cloud services? (Choose two.)

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

Answer: AC

Explanation:

- A. Volume discounts.
- C. One bill for multiple accounts.

Reference:

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

CLF-C02 Exam- Actual Q&A | CLEARCATNET

A user wants to review all Amazon S3 buckets with ACLs and S3 bucket policies in the S3 console. Which AWS service or resource will meet this requirement?

- A.S3 Multi-Region Access Points
- B.S3 Storage Lens
- C.AWS IAM Identity Center (AWS Single Sign-On)
- D.Access Analyzer for S3**

Answer: D

Explanation:

The correct answer is D. When reviewing an at-risk bucket in IAM Access Analyzer for S3, you can block all public access to the bucket with a single click. We recommend that you block all access to your buckets unless you require public access to support a specific use case. Before you block all public access, ensure that your applications will continue to work correctly without public access.

"IAM Access Analyzer for S3 might show that a bucket has read or write access provided through a bucket access control list (ACL), a bucket policy, a Multi-Region Access Point policy, or an access point policy...IAM Access Analyzer for S3 is available at no extra cost on the Amazon S3 console.

"Reference:

<https://docs.aws.amazon.com/AmazonS3/latest/userguide/access-analyzer.html>

<https://docs.aws.amazon.com/AmazonS3/latest/userguide/access-analyzer.html>

CLFC0

Question: 84

What is the best resource for a user to find compliance-related information and reports about AWS?

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

Answer: A

Explanation:

AWS Artifact is your go-to, central resource for compliance-related information that matters to you. It provides on-demand access to security and compliance reports from AWS and ISVs who sell their products on AWS Marketplace."

Reference:

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

Question: 85

CLFC0

Which AWS service enables companies to deploy an application close to end users?

- A.Amazon CloudFront
- B.AWS Auto Scaling
- C.AWS AppSync
- D.Amazon Route 53

Answer: A

Explanation:

Amazon CloudFront speeds up distribution of your static and dynamic web content, such as .html, .css, .php, image, and media files. When users request your content, CloudFront delivers it through a worldwide network of edge locations that provide low latency and high performance.

Reference:

<https://docs.aws.amazon.com/cloudfront/>

Question: 86

CLFC0

Which AWS service or feature improves network performance by sending traffic through the AWS worldwide network infrastructure?

- A. Route table
- B. AWS Transit Gateway
- C.AWS Global Accelerator
- D.Amazon VPC

Answer: C

Explanation:

Correct answer is C:AWS Global Accelerator.

Reference:

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

Question: 87

CLFC0

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

Answer: A

Explanation:

S3 Standard offers high durability, availability, and performance object storage for frequently accessed data.

Reference:

<https://aws.amazon.com/s3/storage-classes/>

Question: 88

CLEARCATNET

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

CLF-C02 Exam- Actual Q&A |

Answer: C

Question: 89

CLFC0

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.

Answer: BD

Question: 90

CLFC0

Which AWS service is a hybrid cloud storage service that provides on-premises users access to virtually unlimited cloud storage?

- A. AWS DataSync
- B. Amazon S3 Glacier
- C. AWS Storage Gateway
- D. Amazon Elastic Block Store (Amazon EBS)

Answer: C

Explanation:

C. AWS Storage GatewayAWS Storage Gateway is a hybrid cloud storage service that enables on-premises applications to seamlessly access AWS Cloud-based storage. It provides a local cache for frequently accessed data to ensure low-latency access, while also storing data in the cloud for durability and scalability.

Question: 91

CLF-C02 Exam- Actual Q&A | CLEARCATNET

A company plans to migrate to AWS and wants to create cost estimates for its AWS use cases. Which AWS service or tool can the company use to meet these requirements?

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

Answer: A

Explanation:

AWS Pricing Calculator is a web-based planning tool that you can use to create estimates for your AWS use cases. You can use it to model your solutions before building them, explore the AWS service price points, and review the calculations behind your estimates. You can use it to help you plan how you spend, find cost saving opportunities, and make informed decisions when using Amazon Web Services.

Reference:

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

Question: 92

CLFC0

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

Answer: A

Question: 93

CLFC0

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.

Answer: C

Explanation:

The answer is C Learn from all operational failures: Drive improvement through lessons learned from all operational events and failures. Share what is learned across teams and through the entire organization.

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

Question: 94

CLFC0

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

- A.restricted access.
- B.as-needed access.
- C.least privilege access.**
- D.token access.

Answer: C

Question: 95

CLF-C02 Exam- Actual Q&A | CLEARCATNET

Which AWS service or tool can be used to set up a firewall to control traffic going into and coming out of an Amazon VPC subnet?

- A.Security group
- B.AWS WAF
- C.AWS Firewall Manager
- D.Network ACL**

Answer: D

Explanation:

Network ACLs are an optional layer of security that act as a firewall for controlling inbound and outbound traffic at the subnet level. [VPC_Security_Comparison](#)

Since we are on a subnet level, D is the correct answer. Network ACLs allow or deny inbound and outbound traffic at the subnet level. Security groups allow inbound and outbound traffic for associated resources, such as EC2 instances

https://docs.aws.amazon.com/vpc/latest/userguide/infrastructure-security.html#VPC_Security_Comparison

https://docs.aws.amazon.com/zh_tw/vpc/latest/userguide/VPC_Security.html#

Question: 96

CLF-C02 Exam- Actual Q&A | CLEARCATNET

A company wants to operate a data warehouse to analyze data without managing the data warehouse infrastructure.

Which AWS service will meet this requirement?

- A.Amazon Aurora
- B.Amazon Redshift Serverless**
- C.AWS Lambda
- D.Amazon RDS

Answer: B

Explanation:

Amazon Redshift Serverless makes it easy to run analytics workloads of any size without having to manage data warehouse infrastructure.

"Reference:

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

Question: 97

CLFC0

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.**

Answer: BE

Question: 98

CLFC0

A company wants to grant users in one AWS account access to resources in another AWS account. The users do not currently have permission to access the resources.

Which AWS service will meet this requirement?

- A. IAM group
- B. IAM role**
- C. IAM tag
- D. IAM Access Analyzer

Answer: B

Question: 99

CLFC0

Which task is the responsibility of AWS when using AWS services?

- A. Management of IAM user permissions
- B. Creation of security group rules for outbound access
- C.Maintenance of physical and environmental controls**

D.Application of Amazon EC2 operating system patches

Answer: C

Explanation:

The words: "Infrastructure" and "physical" are ALWAYS a good clue to AWS responsibility.

C is the answer.The words: "Infrastructure" and "physical" are ALWAYS a good clue to AWS responsibility.

Question: 100

CLF-C02 Exam- Actual Q&A | CLEARCATNET

A company wants to automate infrastructure deployment by using infrastructure as code (IaC). The company wants to scale production stacks so the stacks can be deployed in multiple AWS Regions. Which AWS service will meet these requirements?

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

Answer: D

Explanation:

AWS CloudFormation gives you an easy way to model a collection of related AWS and third-party resources, provision them quickly and consistently, and manage them throughout their lifecycles, by treating infrastructure as code. A CloudFormation template describes your desired resources and their dependencies so you can launch and configure them together as a stack. You can use a template to create, update, and delete an entire stack as a single unit, as often as you need to, instead of managing resources individually. You can manage and provision stacks across multiple AWS accounts and AWS Regions.

Reference:

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

Question: 101

CLFC0

Which option is an AWS Cloud Adoption Framework (AWS CAF) platform perspective capability?

- A. Data architecture**
- B. Data protection
- C. Data governance
- D. Data science

Answer: A

Explanation:

A is the right answerPlatform perspective helps you build an enterprise-grade, scalable, hybrid cloud platform, modernize existing workloads, and implement new cloud-native solutions. This includes DATA ARCHITECTURE

Question: 102

CLFC0

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

Answer: B

Question: 103

CLF-C02 Exam- Actual Q&A | **CLEARCATNET**

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

Answer: B

Explanation:

AWS Storage Gateway is a hybrid cloud storage service that gives you on-premises access to virtually unlimited cloud storage. Storage Gateway provides a standard set of storage protocols such as iSCSI, SMB, and NFS, which allow you to use AWS storage without rewriting your existing applications.

Question: 104

CLFC0

Which AWS tool gives users the ability to plan their service usage, service costs, and instance reservations, and also allows them to set custom alerts when their costs or usage exceed established thresholds?

- A. Cost Explorer
- B. AWS Budgets**
- C. AWS Cost and Usage Report
- D. Reserved Instance reporting

Answer: B

Explanation:

1. B. AWS Budgets

2. The correct answer is B."Using AWS Budgets, you can set a budget that alerts you when you exceed (or are forecasted to exceed) your budgeted cost or usage amount. You can also set alerts based on your RI or Savings Plans Utilization and Coverage using AWS Budgets.

"<https://aws.amazon.com/aws-cost-management/aws-budgets/faqs/>

Question: 105

CLFC0

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

- A. Establish the global infrastructure.
- B. Perform client-side data encryption.
- C. Configure IAM credentials.
- D. Secure edge locations.
- E. Patch Amazon RDS DB instances.

Answer: BC

Question: 106

CLF-C02 Exam- Actual Q&A | CLEARCATNET

A developer has been hired by a large company and needs AWS credentials. Which are security best practices that should be followed? (Choose two.)

- A. Grant the developer access to only the AWS resources needed to perform the job.
- B. Share the AWS account root user credentials with the developer.
- C. Add the developer to the administrator's group in AWS IAM.
- D. Configure a password policy that ensures the developer's password cannot be changed.
- E. Ensure the account password policy requires a minimum length.

Answer: AE

Explanation:

- A. Grant the developer access to only the AWS resources needed to perform the job.
- E. Ensure the account password policy requires a minimum length.

Question: 107

CLFC0

A company has multiple AWS accounts that include compute workloads that cannot be interrupted. The company wants to obtain billing discounts that are based on the company's use of AWS services. Which AWS feature or purchasing option will meet these requirements?

- A. Resource tagging
- B. Consolidated billing
- C. Pay-as-you-go pricing
- D. Spot Instances

Answer: B

Explanation:

B. Consolidated billing. Consolidated billing allows you to combine multiple AWS accounts and aggregate the usage and spending across those accounts. This simplifies billing and enables you to take advantage of volume discounts, which can lead to cost savings. Each account can still maintain its own resource tagging and pricing options, so it's possible to manage compute workloads in individual accounts as needed.

Question: 108**CLFC0**

A user wants to allow applications running on an Amazon EC2 instance to make calls to other AWS services. The access granted must be secure.

Which AWS service or feature should be used?

- A. Security groups
- B. AWS Firewall Manager
- C. IAM roles**
- D. IAM user SSH keys

Answer: C**Explanation:**

C - IAM Roles. Roles are used to allow users or services access to other AWS resources.

Question: 109**CLFC0**

A company wants a fully managed Windows file server for its Windows-based applications.
Which AWS service will meet this requirement?

- A. Amazon FSx**
- B. Amazon Elastic Kubernetes Service (Amazon EKS)
- C. Amazon Elastic Container Service (Amazon ECS)
- D. Amazon EMR

Answer: A**Explanation:**

Amazon FSx lets you easily and securely backup, archive, or replicate your on-premises file storage to AWS in order to meet regulatory, data retention, or disaster recovery requirements. Learn how to get started.
Choosing an Amazon FSx File System.

Question: 110**CLFC0**

A company wants to migrate its NFS on-premises workload to AWS.

Which AWS Storage Gateway type should the company use to meet this requirement?

- A. Tape Gateway
- B. Volume Gateway
- C. Amazon FSx File Gateway**

D.Amazon S3 File Gateway

Answer: D

Explanation:

Amazon S3 File Gateway provides a seamless way to connect to the cloud in order to store application data files and backup images as durable objects in Amazon S3 cloud storage. Amazon S3 File Gateway offers SMB or NFS-based access to data in Amazon S3 with local caching. It can be used for on-premises data-intensive Amazon EC2-based applications that need file protocol access to S3 object storage."

Reference:

<https://aws.amazon.com/storagegateway/file/s3/>

Question: 111

CLFC0

A company needs to track the activity in its AWS accounts, and needs to know when an API call is made against its AWS resources.

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

- A. Amazon CloudWatch
- B. Amazon Inspector
- C.AWS CloudTrail**
- D.AWS IAM

Answer: C

Explanation:

CloudTrail enables auditing, security monitoring, and operational troubleshooting by tracking user activity and API usage. CloudTrail logs, continuously monitors, and retains account activity related to actions across your AWS infrastructure, giving you control over storage, analysis, and remediation actions.

Reference:

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

Question: 112

CLFC0

A company has an uninterruptible application that runs on Amazon EC2 instances. The application constantly processes a backlog of files in an Amazon Simple Queue Service (Amazon SQS) queue. This usage is expected to continue to grow for years.

What is the MOST cost-effective EC2 instance purchasing model to meet these requirements?

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

Answer: C

Explanation:

C - Savings Plans: "uninterruptible application" and "usage is expected to continue to grow for years." Company can commit to 1 or 3 year plan to obtain savings.

CSavings Plans are a flexible pricing model that offer low prices on EC2 usage, in exchange for a commitment to a consistent amount of usage, measured in dollars per hour, for a term of 1 or 3 years. Savings Plans can reduce your EC2 costs by up to 72% compared to On-Demand price.

Question: 113

CLFC0

A company wants an AWS service to provide product recommendations based on its customer data. Which AWS service will meet this requirement?

- A. Amazon Polly
- B. **Amazon Personalize**
- C. Amazon Comprehend
- D. Amazon Rekognition

Answer: B

Explanation:

Amazon Personalize accelerates your digital transformation with ML, making it easier to integrate personalized recommendations into existing websites, applications, email marketing systems, and more.

Reference:

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

Question: 114

CLFC0

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

Answer: B

Explanation:

Align phase focuses on identifying capability gaps across the six AWS CAF perspectives, identifying cross-organizational dependencies, and surfacing stakeholder concerns and challenges.

Reference:

<https://docs.aws.amazon.com/whitepapers/latest/overview-aws-cloud-adoption-framework/your-cloud-transformation-journey.html>

Question: 115**CLFC0**

A social media company wants to protect its web application from common web exploits such as SQL injections and cross-site scripting.

Which AWS service will meet these requirements?

- A.Amazon Inspector
- B.AWS WAF**
- C.Amazon GuardDuty
- D.Amazon CloudWatch

Answer: B**Explanation:**

AWS WAF is a web application firewall that helps protect web applications from attacks by allowing you to configure rules that allow, block, or monitor (count) web requests based on conditions that you define. These conditions include IP addresses, HTTP headers, HTTP body, URI strings, SQL injection and cross-site scripting.

References:

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

Question: 116**CLFC0**

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

Answer: A**Explanation:**

EC2 Image Builder simplifies the creation, maintenance, validation, sharing, and deployment of Linux or Windows images for use with Amazon EC2 and on-premises.

Reference:

<https://aws.amazon.com/image-builder/faqs/>

Question: 117**CLF-C02 Exam- Actual Q&A | CLEARCATNET**

A company wants an automated process to continuously scan its Amazon EC2 instances for software vulnerabilities.

Which AWS service will meet these requirements?

- A. Amazon GuardDuty
- B.Amazon Inspector**
- C.Amazon Detective

Answer: B

Explanation:

Amazon Inspector is an automated vulnerability management service that continually scans Amazon Elastic Compute Cloud (EC2), AWS Lambda functions, and container workloads for software vulnerabilities and unintended network exposure.

Reference:

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

Question: 118

CLF-C02 Exam- Actual Q&A | CLEARCATNET

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

Answer: B

Explanation:

AWS service for a workload that needs to be processed once a week for about 5 hours is Amazon EC2. AWS Lambda is a serverless computing service that runs your code without provisioning or managing servers. However, Lambda functions have a maximum execution time of 15 minutes. Therefore, Lambda is not suitable for workloads that need to run for longer than 15 minutes. Amazon EC2 is a scalable computing service that provides instances with varying capabilities and pricing options. You can choose an EC2 instance that is right for your data processing job and then terminate the instance when the job is complete. This will help you to save money on your AWS bill.

Question: 119

CLFC0

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

- A.Amazon CloudWatch Logs
- B.AWS CloudTrail
- C.VPC Flow Logs**
- D.AWS Identity and Access Management (IAM)

Answer: C

Explanation:

The correct answer is C.VPC flow logs is a feature that enables you to capture information about the IP traffic going to and from network interfaces in your VPC. Flow logs data can be published to either Amazon

CloudWatch Logs or Amazon S3. You can monitor your VPC flow logs to gain operational visibility about your network dependencies and traffic patterns, detect anomalies and prevent data leakage, or troubleshoot network connectivity and configuration issues.

<https://aws.amazon.com/vpc/faqs/#:~:text=VPC%20flow%20logs%20is%20a,network%20interfaces%20in%20you>

Question: 120**CLF-C02 Exam- Actual Q&A | CLEARCATNET**

A company wants to design a centralized storage system to manage the configuration data and passwords for its critical business applications.

Which AWS service or capability will meet these requirements MOST cost-effectively?

- A.AWS Systems Manager Parameter Store
- B.AWS Secrets Manager
- C.AWS Config
- D.Amazon S3

Answer: A**Explanation:**

"Parameter Store, a capability of AWS Systems Manager, provides secure, hierarchical storage for configuration data management and secrets management. You can store data such as passwords, database strings, Amazon Machine Image (AMI) IDs, and license codes as parameter values.

Reference:

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

Question: 121**CLFC0**

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

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

Answer: D**Question: 122****CLFC0**

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

- A.AWS Identity and Access Management (IAM)
- B.AWS Trusted Advisor
- C.AWS CloudFormation
- D.AWS Organizations

Answer: D

Explanation:

AWS Organizations provides you with the capability to centrally manage and govern your cloud environment. You can manage and organize your accounts under a single bill, set central policies and configuration requirements for your entire organization, create custom permissions or capabilities within the organization, and delegate responsibilities to other accounts so they can manage on behalf of the organization.

Reference:

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

Question: 123

CLF-C02 Exam- Actual Q&A | CLEARCATNET

A company wants to store and retrieve files in Amazon S3 for its existing on-premises applications by using industry-standard file system protocols.

Which AWS service will meet these requirements?

- A.AWS DataSync
- B.AWS Snowball Edge
- C.Amazon S3 File Gateway
- D.AWS Transfer Family

Answer: C

Explanation:

Amazon S3 File Gateway provides a seamless way to connect to the cloud in order to store application data files and backup images as durable objects in Amazon S3 cloud storage. Amazon S3 File Gateway offers SMB or NFS-based access to data in Amazon S3 with local caching. It can be used for on-premises data-intensive Amazon EC2-based applications that need file protocol access to S3 object storage."

Reference:

<https://aws.amazon.com/storagegateway/file/s3/>

Question: 124

CLFC0

A company wants to block SQL injection attacks.

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

- A. AWS WAF
- B. Network ACLs
- C. Security groups
- D. AWS Certificate Manager (ACM)

Answer: A

Explanation:

AWS WAF is a web application firewall that helps protect web applications from attacks by allowing you to configure rules that allow, block, or monitor (count) web requests based on conditions that you define. These

conditions include IP addresses, HTTP headers, HTTP body, URI strings, SQL injection and cross-site scripting."

References:

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

Question: 125

CLFC0

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

- A. AWS CLI
- B. Amazon Elastic Container Service (Amazon ECS)
- C. AWS Cloud9
- D. AWS Virtual Private Network (AWS VPN)

Answer: A

Explanation:

The AWS Command Line Interface (AWS CLI) is a unified tool to manage your AWS services. With just one tool to download and configure, you can control multiple AWS services from the command line and automate them through scripts.

Reference:

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

Question: 126

CLFC0

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

Answer: C

Question: 127

CLFC0

Which perspective in the AWS Cloud Adoption Framework (AWS CAF) includes capabilities for configuration management and patch management?

- A. Platform
- B. Operations
- C. Security

Answer: B

Explanation:

AWS CAF Operations perspective capabilities• Observability• Event management (AIOps)• Incident and problem management• Change and release management• Performance and capacity management• Configuration management• Patch management• Availability and continuity management• Application management.

Reference:

<https://docs.aws.amazon.com/whitepapers/latest/overview-aws-cloud-adoption-framework/operations-perspective.html>

Question: 128

CLFC0

A company has a compute workload that is steady, predictable, and uninterruptible.

Which Amazon EC2 instance purchasing options meet these requirements MOST cost-effectively? (Choose two.)

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

Answer: BD

Explanation:

- B. Reserved Instances.
- D. Saving Plans.

Question: 129

CLFC0

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

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

Answer: B

Explanation:

B is correct. The keyword is uninterruptable and 24 hours. Amazon EC2 Reserved Instances (RI) provide a significant discount (up to 72%) compared to On-Demand pricing. Savings Plans is a flexible pricing model that can help you reduce your bill by up to 72% compared to On-Demand prices, in exchange for a commitment to

a consistent amount of usage (measured in \$/hour) for a 1- or 3-year term. The best solution for this questions is using RI + Savings Plans.

Question: 130

CLFC0

Which option is a shared responsibility between AWS and its customers under the AWS shared responsibility model?

- A.Configuration of Amazon EC2 instance operating systems
- B.Application file system server-side encryption
- C.Patch management**
- D.Security of the physical infrastructure

Answer: C

Explanation:

Correct answer is C:Patch management.

Shared Controls "AWS is responsible for patching and fixing flaws within the infrastructure, but customers are responsible for patching their guest OS and applications."

Question: 131

CLFC0

A company wants to migrate its on-premises workloads to the AWS Cloud. The company wants to separate workloads for chargeback to different departments.

Which AWS services or features will meet these requirements? (Choose two.)

- A.Placement groups
- B.Consolidated billing**
- C.Edge locations
- D.AWS Config
- E.Multiple AWS accounts**

Answer: BE

Question: 132

CLFC0

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

- A.Enable client-side encryption for objects that are stored in Amazon S3.
- B.Configure IAM security policies to comply with the principle of least privilege.
- C.Patch the guest operating system on an Amazon EC2 instance.
- D.Apply updates to the Nitro Hypervisor.**

Answer: D

Explanation:

"AWS responsibility "Security of the Cloud" - AWS is responsible for protecting the infrastructure that runs all

of the services offered in the AWS Cloud. This infrastructure is composed of the hardware, software, networking, and facilities that run AWS Cloud services.

"Reference:

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

Question: 133

CLFC0

Which option is a benefit of using AWS for cloud computing?

- A.Trade variable expense for fixed expense
- B.Pay-as-you-go pricing**
- C.Decreased speed and agility
- D.Spending money running and maintaining data centers

Answer: B

Explanation:

The answer is given in the doc "Six advantages of cloud computing." The benefit from massive economies of scale is pay-as-you-go pricing.

Reference:

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

go.

Question: 134

CLFC0

Which option is an AWS Cloud Adoption Framework (AWS CAF) business perspective capability?

- A.Culture evolution
- B.Event management
- C.Data monetization**
- D.Platform architecture

Answer: C

Explanation:

Correct answer is C:Data monetization.

Question: 135

CLFC0

A company is assessing its AWS Business Support plan to determine if the plan still meets the company's needs. The company is considering switching to AWS Enterprise Support. Which additional benefit will the company receive with AWS Enterprise Support?

- A.A full set of AWS Trusted Advisor checks

B. Phone, email, and chat access to cloud support engineers 24 hours a day, 7 days a week

C. A designated technical account manager (TAM) to assist in monitoring and optimization

D. A consultative review and architecture guidance for the company's applications

Answer: C

Question: 136

CLFC0

Which pricing model will interrupt a running Amazon EC2 instance if capacity becomes temporarily unavailable?

A. On-Demand Instances

B. Standard Reserved Instances

C. Spot Instances

D. Convertible Reserved Instances

Answer: C

Question: 137

CLFC0

Which options are AWS Cloud Adoption Framework (AWS CAF) security perspective capabilities? (Choose two.)

A. Observability

B. Incident and problem management

C. Incident response

D. Infrastructure protection

E. Availability and continuity

Answer: CD

Question: 138

CLFC0

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

Answer: C

Question: 139

CLFC0

Which characteristic of the AWS Cloud helps users eliminate underutilized CPU capacity?

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

Answer: B

Question: 140

CLFC0

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**

Answer: BE

Question: 141

CLF-C02 Exam- Actual Q&A | CLEARCATNET

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

Answer: A

Question: 142

CLFC0

A company needs to quickly and securely move files over long distances between its client and an Amazon S3 bucket.

Which S3 feature will meet this requirement?

- A.S3 Versioning
- B.S3 Transfer Acceleration**
- C.S3ACLs
- D.S3 Intelligent-Tiering

Answer: B

Question: 143

CLFC0

A company needs to continuously run an experimental workload on an Amazon EC2 instance and stop the instance

after 12 hours.

Which instance purchasing option will meet this requirement MOST cost-effectively?

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

Answer: A

Question: 144

CLFC0

Which cloud transformation journey phase of the AWS Cloud Adoption Framework (AWS CAF) focuses on demonstrating how the cloud helps accelerate business outcomes?

- A.Scale
- B.Envision
- C.Align
- D.Launch

Answer: B

Question: 145

CLFC0

Which option is a customer responsibility under the AWS shared responsibility model?

- A.Maintenance of underlying hardware of Amazon EC2 instances
- B.Application data security
- C.Physical security of data centers
- D.Maintenance of VPC components

Answer: B

Question: 146

CLFC0

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 approach will achieve this goal?

- A. Use EC2 instances in multiple AWS Regions.
- B. Use EC2 instances in multiple Amazon CloudFront locations.
- C. Use EC2 instances in multiple edge locations.
- D. Use EC2 instances in AWS Local Zones.

Answer: A

Question: 147

CLFC0

A company wants to modernize and convert a monolithic application into microservices. The company wants to move the application to AWS.

Which migration strategy should the company use?

- A.Rehost
- B.Replatform
- C.Repurchase
- D.Refactor

Answer: D**Question: 148**

CLFC0

A systems administrator created a new IAM user for a developer and assigned the user an access key instead of a user name and password. What is the access key used for?

- A. To access the AWS account as the AWS account root user
- B. To access the AWS account through the AWS Management Console
- C. To access the AWS account through a CLI
- D. To access all of a company's AWS accounts

Answer: C**Question: 149**

CLFC0

A company is moving an on-premises data center to the AWS Cloud. The company must migrate 50 petabytes of file storage data to AWS with the least possible operational overhead.

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

- A.AWS Snowmobile
- B.AWS Snowball Edge
- C.AWS Data Exchange
- D.AWS Database Migration Service (AWS DMS)

Answer: A**Question: 150**

CLFC0

A company wants to automatically add and remove Amazon EC2 instances. The company wants the EC2 instances to adjust to varying workloads dynamically.

Which service or feature will meet these requirements?

- A. Amazon DynamoDB
- B. Amazon EC2 Spot Instances
- C.AWS Snow Family
- D.Amazon EC2 Auto Scaling

Answer: D

Question: 151
CLEARCATNET

A user wants to securely automate the management and rotation of credentials that are shared between applications, while spending the least amount of time on managing tasks.

Which AWS service or feature can be used to accomplish this?

- A.AWS CloudHSM
- B.AWS Key Management Service (AWS KMS)
- C.AWS Secrets Manager**

Answer: C

Question: 152

CLFC0

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

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

Answer: B

Question: 153

CLFC0

Which actions are best practices for an AWS account root user? (Choose two.)

- A. Share root user credentials with team members.
- B. Create multiple root users for the account, separated by environment.
- C. Enable multi-factor authentication (MFA) on the root user.**
- D. Create an IAM user with administrator privileges for daily administrative tasks, instead of using the root user.**
- E. Use programmatic access instead of the root user and password.

Answer: CD

Question: 154

CLFC0

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.

Answer: D

Question: 155

CLFC0

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

Answer: A

Question: 156

CLFC0

A company needs to transfer data between an Amazon S3 bucket and an on-premises application.

Who is responsible for the security of this data, according to the AWS shared responsibility model?

- A.The company
- B.AWS
- C.Firewall vendor
- D.AWS Marketplace partner

Answer: A

**Question: 157
CLEARCATNET**

CLF-C02 Exam- Actual Q&A |

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

Answer: B

Question: 158

CLFC0

A company wants to identify Amazon S3 buckets that are shared with another AWS account.

Which AWS service or feature will meet these requirements?

- A. AWS Lake Formation
- B. IAM credential report
- C. Amazon CloudWatch
- D. IAM Access Analyzer**

Answer: D

Question: 159

CLFC0

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

Answer: C

Question: 160

CLFC0

Which action is a security best practice for access to sensitive data that is stored in an Amazon S3 bucket?

- A. Enable S3 Cross-Region Replication (CRR) on the S3 bucket.
- B. Use IAM roles for applications that require access to 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.

Answer: B

Question: 161

CLFC0

A company needs a central user portal so that users can log in to third-party business applications that support Security Assertion Markup Language (SAML) 2.0.

Which AWS service will meet this requirement?

- A. AWS Identity and Access Management (IAM)
- B. Amazon Cognito
- C. AWS IAM Identity Center (AWS Single Sign-On)**
- D. AWS CLI

Answer: C

Question: 162

CLFC0

Which AWS service should users use to learn about AWS service availability and operations?

- A.Amazon EventBridge
- B.AWS Service Catalog**
- C.AWS Control Tower
- D.AWS Health Dashboard

Answer: B**Question: 163**

CLFC0

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

Answer: C**Question: 164**

CLFC0

Which AWS service enables users to check for vulnerabilities on Amazon EC2 instances by using predefined assessment templates?

- A.AWS WAF
- B.AWS Trusted Advisor
- C.Amazon Inspector**
- D.AWS Shield

Answer: C**Question: 165**

CLFC0

A company plans to migrate to the AWS Cloud. The company is gathering information about its on-premises infrastructure and requires information such as the hostname, IP address, and MAC address.

Which AWS service will meet these requirements?

- A.AWS DataSync
- B.AWS Application Migration Service
- C.AWS Application Discovery Service**
- D.AWS Database Migration Service (AWS DMS)

Answer: C

Question: 166

CLFC0

A company is planning to migrate its application to the AWS Cloud.

Which AWS tool or set of resources should the company use to analyze and assess its readiness for migration?

- A.AWS Cloud Adoption Framework (AWS CAF)
- B.AWS Pricing Calculator
- C.AWS Well-Architected Framework
- D.AWS Budgets

Answer: A**Question: 167****CLEARCATNET****CLF-C02 Exam- Actual Q&A |**

Which AWS services or features enable users to connect on-premises networks to a VPC? (Choose two.)

- A. AWS VPN
- B. Elastic Load Balancing
- C.AWS Direct Connect
- D. VPC peering

Answer: AC**Question: 168****CLEARCATNET****CLF-C02 Exam- Actual Q&A |**

A user needs to quickly deploy a nonrelational 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

Answer: B**Question: 169**

CLFC0

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.

Answer: BC

Question: 170

CLFC0

Which AWS service or feature can a company use to apply security rules to specific Amazon EC2 instances?

- A. Network ACLs
- B. Security groups**
- C.AWS Trusted Advisor
- D.AWS WAF

Answer: B

Question: 171

CLFC0

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.**

Answer: CE

Question: 172

CLFC0

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

Answer: C

Question: 173

CLF-C02 Exam- Actual Q&A | CLEARCATNET

A company wants to create templates that the company can reuse to deploy multiple AWS resources.

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

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

Answer: C**Question: 174****CLFC0**

Which AWS service or feature is a browser-based, pre-authenticated service that can be launched directly from the AWS Management Console?

- A.AWS API
- B.AWS Lightsail
- C.AWS Cloud9
- D.AWS CloudShell**

Answer: D**Question: 175****CLFC0**

A company wants to migrate its database to a managed AWS service that is compatible with PostgreSQL.

Which AWS services will meet these requirements? (Choose two.)

- A. Amazon Athena
- B. Amazon RDS**
- C. Amazon EC2
- D. Amazon DynamoDB
- E. Amazon Aurora**

Answer: BE**Question: 176****CLFC0**

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**

Answer: D**Question: 177****CLFC0**

A user has limited knowledge of AWS services, but wants to quickly deploy a scalable Node.js application in the

AWS Cloud.

Which service should be used to deploy the application?

- A.AWS CloudFormation
- B.AWS Elastic Beanstalk**
- C.Amazon EC2
- D.AWS OpsWorks

Answer: B

Question: 178

CLFC0

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)

Answer: C

Question: 179

CLFC0

A company needs to centrally configure and manage Amazon VPC security groups across multiple AWS accounts within an organization in AWS Organizations.

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

- A. AWS Firewall Manager**
- B. Amazon GuardDuty
- C. Amazon Detective
- D.AWS WAF

Answer: A

Question: 180

CLFC0

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

- A.Configure identity and access management for applications.
- B.Manage encryption options for data that is stored on AWS.
- C.Configure security groups for Amazon EC2 instances.
- D.Maintain the physical hardware of the infrastructure.**

Answer: D

Question: 181**CLFC0**

A company has an Amazon EC2 instance in a private subnet. The company wants to initiate a connection to the internet to pull operating system updates while preventing traffic from the internet from accessing the EC2 instance.

Which AWS managed service allows this?

- A.VPC endpoint
- B.NAT gateway**
- C.Amazon PrivateLink
- D.VPC peering

Answer: B**Question: 182****CLFC0**

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

- A. Securing the virtualization layer**
- B. Patching the operating system on Amazon EC2 instances
- C.Enforcing a strict password policy for IAM users
- D.Patching the operating system on Amazon RDS instances**
- E.Configuring security groups and network ACLs

Answer: AD**Question: 183****CLFC0**

A company is storing data that will not be frequently accessed in the AWS Cloud. If the company needs to access the data, the data needs to be retrieved within 12 hours. The company wants a solution that is cost-effective for storage costs for each gigabyte.

Which Amazon S3 storage class will meet these requirements?

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

Answer: B**Question: 184****CLFC0**

Which AWS service or resource can be used to identify services that have been used by a user within a specified date range?

- A.Amazon S3 access control lists (ACLs)
- B.AWS Certificate Manager (ACM)**

C.Network Access Analyzer

D.AWS Identity and Access Management Access Analyzer

Answer: D

Question: 185

CLFC0

A company needs to engage third-party consultants to help maintain and support its AWS environment and the company's business needs.

Which AWS service or resource will meet these requirements?

A.AWS Support

B.AWS Organizations

C.AWS Service Catalog

D.AWS Partner Network (APN)

Answer: D

Question: 186

CLFC0

A company wants to create Amazon QuickSight dashboards every week by using its billing data.

Which AWS feature or tool can the company use to meet these requirements?

A.AWS Budgets

B.AWS Cost Explorer

C.AWS Cost and Usage Report

D.AWS Cost Anomaly Detection

Answer: C

Question: 187

CLFC0

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)

Answer: A

Question: 188

CLFC0

A company needs to plan, schedule, and run hundreds of thousands of computing jobs on AWS.

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

- A.AWS Step Functions
- B.AWS Service Catalog
- C.Amazon Simple Queue Service (Amazon SQS)
- D.AWS Batch**

Answer: D

Question: 189

CLFC0

Which AWS services or features provide high availability and low latency by enabling failover across different AWS Regions? (Choose two.)

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

Answer: AD

Question: 190

CLFC0

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.

Answer: A

Question: 191

CLFC0

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.

Answer: BD

Question: 192**CLFC0**

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

- A. Amazon Inspector
- B. AWS Web Application Firewall (AWS WAF)
- C. Elastic Load Balancing (ELB)
- D. AWS Shield

Answer: D**Question: 193****CLFC0**

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

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

Answer: D**Question: 194****CLFC0**

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

Answer: B**Question: 195****CLFC0**

A company has teams that have different job roles and responsibilities. The company's employees often change teams. The company needs to manage permissions for the employees so that the permissions are appropriate for the job responsibilities.

Which IAM resource should the company use to meet this requirement with the LEAST operational overhead?

- A. IAM user groups
- B. IAM roles
- C. IAM instance profiles
- D. IAM policies for individual users

Answer: B

Question: 196

CLFC0

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

Answer: B**Question: 197**

CLFC0

What can a cloud practitioner use to retrieve AWS security and compliance documents and submit them as evidence to an auditor or regulator?

- A.AWS Certificate Manager
- B.AWS Systems Manager
- C.AWS Artifact**
- D.Amazon Inspector

Answer: C**Question: 198**

CLFC0

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)

Answer: AB**Question: 199****CLEARCATNET****CLF-C02 Exam- Actual Q&A |**

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

Answer: B

Question: 200

CLFC0

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

For how much time will the customer be billed?

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

Answer: B**Question: 201**

CLFC0

Which cloud concept is demonstrated by using AWS Compute Optimizer?

- A.Security validation
- B.Rightsizing**
- C.Elasticity
- D.Global reach

Answer: B**Question: 202**

CLFC0

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

Answer: B**Question: 203****CLEARCATNET****CLF-C02 Exam- Actual Q&A |**

Which AWS service or feature will search for and identify AWS resources that are shared externally?

- A.Amazon OpenSearch Service
- B.AWS Control Tower
- C.AWS IAM Access Analyzer**

Answer: C

Question: 204

CLFC0

At what support level do users receive access to a support concierge?

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

Answer: D**Question: 205**

CLFC0

Which AWS service can a company use to visually design and build serverless applications?

- A.AWS Lambda
- B.AWS Batch
- C.AWS Application Composer
- D.AWS App Runner

Answer: C**Question: 206**

CLFC0

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

Answer: D**Question: 207**

CLFC0

A company has deployed an Amazon EC2 instance.

Which option is an AWS responsibility under the AWS shared responsibility model?

- A.Managing and encrypting application data
- B.Installing updates and security patches of guest operating system
- C.Configuration of infrastructure devices
- D.Configuration of security groups on each instance

Answer: B

Question: 208**CLFC0**

A company that has AWS Enterprise Support is launching a new version of a popular product in 2 months. The company expects a large increase in traffic to its website. The website is hosted on Amazon EC2 instances.

Which action should the company take to assess its readiness to scale for this launch?

- A. Replace the EC2 instances with AWS Lambda functions.
- B. Use AWS Infrastructure Event Management (IEM) support.**
- C. Submit a request on AWS Marketplace to monitor the event.
- D. Review the coverage reports in the AWS Cost Management console.

Answer: B**Question: 209****CLFC0**

A company wants a time-series database service that makes it easier to store and analyze trillions of events each day.

Which AWS service will meet this requirement?

- A. Amazon Neptune
- B. Amazon Timestream**
- C. Amazon Forecast
- D. Amazon DocumentDB (with MongoDB compatibility)

Answer: B**Question: 210****CLFC0**

Which option is a shared control between AWS and the customer, according to the AWS shared responsibility model?

- A. Configuration management**
- B. Physical and environmental controls
- C. Data integrity authentication
- D. Identity and access management

Answer: A**Question: 211****CLFC0**

A company has migrated its workloads to AWS. The company wants to adopt AWS at scale and operate more efficiently and securely. Which AWS service or framework should the company use for operational support?

- A.AWS Support
- B.AWS Cloud Adoption Framework (AWS CAF)
- C.AWS Managed Services (AMS)**
- D.AWS Well-Architected Framework

Answer: C

Question: 212

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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

Answer: B Explanation:

The Align phase focuses on understanding the current state of the organization and identifying capability gaps in relation to the desired future state in the cloud. It involves assessing the organization's readiness for cloud adoption, evaluating existing processes, skills, and technologies, and identifying areas that need improvement or additional capabilities. The AWS CAF perspectives, such as Business, People, Governance, and Platform, are used to assess and identify these capability gaps and define the required actions to address them.

Question: 213

CLFC02

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.

Answer: B

Explanation:

- B. Deploy Aurora cross-Region read replicas.

Question: 214

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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

Answer: A **Explanation:**

Amazon Personalize is a managed machine learning service specifically designed for building personalized recommendations. It uses advanced ML algorithms to analyze user behavior and historical data to generate personalized recommendations for each individual user. It takes into account factors such as user preferences, past interactions, and contextual information to provide accurate and relevant product recommendations.

Question: 215

CLFC02

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

Answer: B

Explanation:

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

Question: 216

CLFC02

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

Answer: C**Explanation:**

[**Question: 217**](https://docs.aws.amazon.com/directconnect/latest/UserGuide>Welcome.html</p></div><div data-bbox=)

CLFC02

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**

Answer: D**Explanation:**

D - Neptune

Amazon Neptune is a fully managed graph database service that is built for highly connected data.

Question: 218

CLFC02

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

Answer: B**Explanation:**

B. Advisory solutions for AWS adoption

Question: 219**AWS CLF C02 Actual Exam Q&A | CLEARCATNET**

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 VPC and use the AWS public endpoints for connectivity.
- D. Configure Amazon Connect to provide connectivity between the VPC and the company's on-premises network.

Answer: B Explanation:

Since it is after a "dedicated connection", it must be Direct Connect

Question: 219

CLFC02

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

Answer: AC**Explanation:**

- A. Amazon S3
- C. Amazon Elastic Block Store (Amazon EBS)

Question: 220

CLFC02

Which AWS service is a continuous delivery and deployment solution?

- A. AWS AppSync
- B. AWS CodePipeline**
- C. AWS Cloud9
- D. AWS CodeCommit

Answer: B**Explanation:**

AWS CodePipeline

Question: 221

CLFC02

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

Answer: C**Explanation:**

<https://docs.aws.amazon.com/autoscaling/ec2/userguide/as-add-availability-zone.html>

Question: 222

CLFC02

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

Answer: B**Explanation:**

<https://docs.aws.amazon.com/efs/latest/ug/whatisefs.html>

Question: 223

CLFC02

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.

Answer: B

Explanation:

Decoupling the components means designing the application in a way that minimizes dependencies between different components or services. This allows each component to operate independently, reducing the impact of failures and improving overall reliability.

Question: 224

CLFC02

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

Answer: A**Explanation:**

During the Envision phase, the company assesses its current state and defines its future state in the cloud. This phase involves setting goals, identifying business drivers, and establishing the expected outcomes and benefits of the cloud migration.

Question: 225

CLFC02

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

Answer: A**Explanation:**

<https://docs.aws.amazon.com/autoscaling/ec2/userguide/autoscaling-load-balancer.html>

Question: 226

CLFC02

A company wants to run a NoSQL database on Amazon EC2 instances.

Which task is the responsibility of AWS in this scenario?

- A. Update the guest operating system of the EC2 instances.
- B. Maintain high availability at the database layer.

C.Patch the physical infrastructure that hosts the EC2 instances.

D.Configure the security group firewall.

Answer: A

Explanation:

Update the guest operating system of the EC2 instances.

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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

Answer: A Explanation:

A. Amazon GuardDuty.Amazon GuardDuty is a threat detection service that uses machine learning algorithms and continuously monitors your AWS environment for malicious activity and unauthorized behavior. It can detect and alert you about potential malware infections, compromised instances, unauthorized access attempts, and other security threats. By analyzing network traffic, DNS logs, and AWS CloudTrail events, GuardDuty can identify potential malware downloads and provide real-time alerts for further investigation and remediation. It helps you proactively protect your applications and data from security risks and ensures the integrity of your AWS resources.

Question: 227

CLFC02

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

Answer: A

Explanation:

Network ACLs are an optional layer of security that act as a firewall for controlling inbound and outbound traffic at the subnet level

Question: 228

CLFC02

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.

Answer: A**Explanation:**

- A. Allow access to an Amazon EC2 instance through only a specific port.

Question: 229

CLFC02

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

Answer: C**Explanation:**

AWS Amplify is a complete solution that lets frontend web and mobile developers easily build, ship, and host full-stack applications on AWS, with the flexibility to leverage the breadth of AWS services as use cases evolve. No cloud expertise needed.

Question: 230

CLFC02

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

Answer: C**Explanation:**

- 1. AWS Pricing Calculator For planning
- 2. AWS Pricing Calculator

Question: 231

CLFC02

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

Answer: D**Question: 232**

CLFC02

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.

Answer: A**Question: 233**

CLFC02

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

Answer: D**Explanation:**

<https://docs.aws.amazon.com/waf/latest/developerguide/logging.html>

Question: 234**AWS CLF C02 Actual Exam Q&A | CLEARCATNET**

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

Answer: A Explanation:

Scalability in the AWS Cloud allows you to easily adjust the capacity of your resources based on the demand. In this scenario, you can leverage auto scaling capabilities provided by AWS to automatically add or remove EC2 instances based on traffic patterns. This ensures that your application can handle increases in traffic without manual intervention and provides a seamless experience to your users.

<https://docs.aws.amazon.com/autoscaling/ec2/userguide/ec2-auto-scaling-predictive-scaling.html>

Question: 235

CLFC02

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

Answer: A

Explanation:

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

Spot Instances - Up to 90% off the On-Demand

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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.

Answer: BD

Explanation:

https://wa.aws.amazon.com/wat.design_principles.wa-dp.en.html ZONCI, STOP USING CHATGPT, USE YOUR BRAIN!

Test systems at production scaleDrive architectures using
[datahttps://wa.aws.amazon.com/wat.design_principles.wa-dp.en.html](https://wa.aws.amazon.com/wat.design_principles.wa-dp.en.html)

Question: 237

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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.

Answer: D Explanation:

CloudFront will seamlessly route clients' requests to the API in the Region with the lowest latency to the client's location.

Question: 238

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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

Answer: B Explanation:

Compute Savings Plans provide the most flexibility and help to reduce your costs by up to 66%. These plans automatically apply to EC2 instance usage regardless of instance family, size, AZ, Region, OS or tenancy, and also apply to Fargate or Lambda usage. For example, with Compute Savings Plans, you can change from C4 to M5 instances, shift a workload from EU (Ireland) to EU (London), or move a workload from EC2 to Fargate or Lambda at any time and automatically continue to pay the Savings Plans price.

Question: 239

CLFC02

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

Answer: A

Explanation:

<https://docs.aws.amazon.com/wellarchitected/latest/operational-excellence-pillar/operational-excellence.html>

Question: 240

CLFC02

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

Answer: AB

Explanation:

A. Scaling the number of Amazon EC2 instances based on traffic
B. Resizing Amazon RDS instances as business needs change

Question: 241

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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.

Answer: AB **Explanation:**

- A. Configure the AWS provided security group firewall: Customers are responsible for configuring the security group firewall rules to control inbound and outbound traffic for their EC2 instances or other resources in their VPC.
- B. Classify company assets in the AWS Cloud: Customers are responsible for classifying their data and assets in the AWS Cloud based on their sensitivity and compliance requirements. This includes determining which data needs additional protection or access controls.

Question: 242

CLFC02

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

Answer: D**Explanation:**

<https://aws.amazon.com/compliance/shared-responsibility-model/#:~:text=AWS%20responsibility%20E2%80%9CSecurity%20of%20the,that%20run%20AWS%20Cloud%20workloads%20on%20premises%20and%20in%20the%20cloud%20without%20compromising%20compliance%20with%20regulatory%20guidelines.>

Question: 243

CLFC02

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

Answer: B**Explanation:**

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

Question: 244

CLFC02

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.

Answer: B**Explanation:**

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

Question: 245**AWS CLF C02 Actual Exam Q&A | CLEARCATNET**

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.

Answer: B Explanation:

<https://docs.aws.amazon.com/AmazonCloudFront/latest/DeveloperGuide/Introduction.html> B is only proper answer.

Question: 246**AWS CLF C02 Actual Exam Q&A | CLEARCATNET**

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

Answer: BD Explanation:

BD - Pay-as-you-go pricing is great for a cost-effective manner, and with auto scaling policies, customer can define a scaling policy that performs the optimal scaling action, such as change in capacity by value or percentage, or setting exact capacity values.

Cross-Region workload deployment is not fitting for the question (there is nothing about globalisation).

There is no request for monitoring user activity, so CloudTrail is also incorrect.

There is nothing about checking any statuses or collecting logs, so there is no need for centralized logging

Question: 247

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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)

Answer: D Explanation:

D - Amazon SQS is a fully managed message queuing for microservices, distributed systems, and serverless applications.

Elastic Load Balancing automatically distributes incoming application traffic; it doesn't help with developer work in this context.

Amazon SNS is used for email and notifications to users, not for developers.

Amazon CloudFront is a content delivery network (CDN) service built for securely delivering content to customers. It is not used for loose coupling nor microservices.

Question: 247**AWS CLF C02 Actual Exam Q&A | CLEARCATNET**

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

Answer: C Explanation:

The key word is "which AWS services meet the regional requirements?" In this case, it refers to GDPR for Europe.

Inherit the most comprehensive compliance controls with AWS. AWS supports more security standards and compliance certifications than any other offering, including PCI-DSS, HIPAA/HITECH, FedRAMP, GDPR, FIPS 140-2, and NIST 800-171, helping customers satisfy compliance requirements for virtually every regulatory agency around the globe.

Question: 248**CLFC02**

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

Answer: A**Explanation:**

Amazon Cognito lets you add user sign-up, sign-in, and access control to your web and mobile apps quickly and easily.

AWS Security Hub is a cloud security posture management service that automates best practice checks, aggregates alerts, and supports automated remediation. Not relevant.

AWS Shield and AWS WAF are for threat protection (Shield for DDoS, WAF for SQL injections), not relevant to the question.

Question: 249**CLFC02**

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

Answer: A

Question: 250

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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

Answer: A Explanation:

Security groups control the traffic that is allowed to reach and leave the resources that it is associated with.

AWS Shield is for DDoS protection.

AWS Global Accelerator is for global reach.

AWS Direct Connect is a cloud service that links your network directly to AWS to deliver consistent, low-latency performance.

Question: 251

CLFC02

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)

Answer: A

Question: 252

CLFC02

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

Answer: AD

Explanation:

'Amazon RDS) is a collection of managed services' - <https://aws.amazon.com/rds/>

'Amazon Aurora is fully managed by RDS' - <https://www.amazonaws.cn/en/rds/aurora/>

RDS is not 'fully' managed, it is a managed instance. Therefore answer is AD

Question: 253

CLFC02

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

Answer: A

Explanation:

A security group acts as a virtual firewall for your EC2 instances to control incoming and outgoing traffic. Inbound rules control the incoming traffic to your instance, and outbound rules control the outgoing traffic from your instance. When you launch an instance, you can specify one or more security groups.

Question: 254

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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

Answer: B Explanation:

We recommend AWS Developer Support if you are testing or doing early development on AWS and want the ability to get technical support during business hours as well as general architectural guidance as you build and test.

In addition to enhanced technical support and architectural guidance, Developer Support provides access to

documentation and forums, AWS Trusted Advisor, and AWS Personal Health Dashboard.

Question: 255

CLFC02

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

Answer: B

Question: 256

CLFC02

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

Answer: C

Explanation:

AWS Trusted Advisor is used to evaluate its AWS environment and provide best practice recommendations in five categories: cost, performance, service limits, fault tolerance, and security.

AWS Shield is for DDoS protection.

AWS WAF is for SQL injection protection.

AWS Service Catalog is for managing services.

Question: 258

CLFC02

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**

Answer: D

Question: 259**AWS CLF C02 Actual Exam Q&A | CLEARCATNET**

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**

Answer: D Explanation:

Benefit from massive economies of scale - By using cloud computing, you can achieve a lower variable cost than you can get on your own. Because usage from hundreds of thousands of customers is aggregated in the cloud, providers such as AWS can achieve higher economies of scale, which translates into lower pay as-you-go prices.

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

Question: 260**CLFC02**

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

Answer: C**Explanation:**

Amazon GuardDuty is a threat detection service that continuously monitors your AWS accounts and workloads for malicious activity and delivers detailed security findings for visibility and remediation.

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

Question: 261**CLFC02**

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

- A. Amazon Elastic Compute Cloud (Amazon EC2)
- B. Amazon Relational Database Service (Amazon RDS) for MySQL
- C. Amazon Lightsail
- D. **Amazon Aurora**

Answer: D

Explanation:

Amazon Aurora is a relational database service that combines the speed and availability of high-end commercial databases with the simplicity and cost-effectiveness of open source databases. The MySQL-compatible edition of Aurora delivers up to 5X the throughput of standard MySQL running on the same hardware, and enables existing MySQL applications and tools to run without requiring modification.

Amazon Aurora will automatically grow the size of your database volume as your database storage needs grow. Your volume will grow in increments of 10 GB up to a maximum of 64 TB. You don't need to provision excess storage for your database to handle future growth.

Reference:

<https://aws.amazon.com/rds/aurora/mysql-features/>

Question: 262

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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

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

Answer: C Explanation:

A VPC peering connection is a networking connection between two VPCs that enables you to route traffic between them using private IPv4 addresses or IPv6 addresses. Instances in either VPC can communicate with each other as if they are within the same network. You can create a VPC peering connection between your own VPCs, or with a VPC in another AWS account. The VPCs can be in different regions (also known as an inter-region VPC peering connection).

Reference:

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

Question: 263

CLFC02

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)

Answer: C

Explanation:

From: <https://aws.amazon.com/dynamodb/global-tables/>

Global tables build on the global Amazon DynamoDB footprint to provide you with a fully managed, multi-Region, and multi-active database that delivers fast, local, read and write performance for massively scaled, global applications. Global tables replicate your DynamoDB tables automatically across your choice of AWS Regions.

Question: 264

CLFC02

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

Answer: AD**Explanation:**

IMO it's AD. Word for Word TCO & staff productivity..

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

Question: 265

CLFC02

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

Answer: C**Explanation:**

Inherited Controls - Controls which a customer fully inherits from AWS.

Physical and Environmental controls

<https://aws.amazon.com/compliance/shared-responsibility-model/#:~:text=Inherited%20Controls%20%E2%80%93%20Controls%20which%20a%20customer%20fully%20in>

Question: 266

CLFC02

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

Answer: A

Question: 267

CLFC02

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

Answer: C

Question: 268

CLFC02

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

Answer: C

Explanation:

The ability of a system to recover from infrastructure or service disruptions, dynamically acquire computing resources to meet demand, and mitigate disruptions such as misconfigurations or transient network issues.

Question: 269

CLFC02

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

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

Answer: B

Explanation:

You can deliver content and decrease end-user latency of your web application using Amazon CloudFront. CloudFront speeds up content delivery by leveraging its global network of data centers, known as edge locations, to reduce delivery time by caching your content close to your end users. CloudFront fetches your

content from an origin, such as an Amazon S3 bucket, an Amazon EC2 instance, an Amazon Elastic Load Balancing load balancer or your own web server, when it's not already in an edge location. CloudFront can be used to deliver your entire website or application, including dynamic, static, streaming, and interactive content.

Reference:

<https://aws.amazon.com/getting-started/tutorials/deliver-content-faster/>

Question: 270

CLFC02

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**

Answer: D

Question: 270

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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

Answer: A Explanation:

AWS Auto Scaling monitors your application and automatically adds or removes capacity from your resource groups in real-time as demands change.

Question: 271

CLFC02

What exclusive benefit is provided to users with Enterprise Support?

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

Answer: B

Explanation:

Reference:

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

Technical account management

Designated point of contact

A Technical Account Manager (TAM) is your designated technical point of contact who helps you onboard, provides advocacy and guidance to help plan and build solutions using best practices, coordinates access to subject matter experts, assists with case management, presents insights and recommendations on your AWS spend, workload optimization, and event management, and proactively keeps your AWS environment healthy.

Access to subject-matter experts

Cloud Support Engineers, Solutions Architects, and product teams are available to provide guidance and help as needed. The AWS Trust & Safety team assists you when your AWS resources are used to engage in abusive behaviors, such as spam, port scanning, denial-of-service (DoS) attacks, or malware.

Question: 272

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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

Answer: B Explanation:

AWS DataSync is a secure, online service that automates and accelerates moving data between on premises and AWS Storage services. DataSync can copy data between Network File System (NFS) shares, Server Message Block (SMB) shares, Hadoop Distributed File Systems (HDFS), self-managed object storage, AWS Snowcone, Amazon Simple Storage Service (Amazon S3) buckets, Amazon Elastic File System (Amazon EFS) file systems, Amazon FSx for Windows File Server file systems, Amazon FSx for Lustre file systems, Amazon FSx for OpenZFS file systems, and Amazon FSx for NetApp ONTAP file systems.

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

Question: 273

CLFC02

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

Answer: C

Explanation:

C . 2 reasons

1. for Contextual review Business is required not enterprise
2. Also it doesn't need concierge which is mentioned in the question which straight away cancelled enterprise and the answer will be business

Question: 274

AWS CLF C02 Actual Exam Q&A | CLEARCATNET

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

Answer: B Explanation:

<https://ahana.io/answers/the-differences-between-aws-athena-and-aws-glue-ahana/>

AWS Glue is also serverless, but more of an ecosystem of tools to allow you to easily do schema discovery and ETL with auto-generated scripts that can be modified either visually or via editing the script. The most commonly known components of Glue are Glue Metastore and Glue ETL. Glue Metastore is a serverless hive compatible metastore which can be used in lieu of your own managed Hive. Glue ETL on the other hand is a Spark service which allows customers to run Spark jobs without worrying about the configuration, manageability and operationalization of the underlying Spark infrastructure. There are other services such as Glue Data Wrangler which we will keep outside the scope of this discussion.

Question: 275

CLFC02

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

- A. Business and Developer Support
- B. Business and Basic Support
- C. Enterprise and Developer Support
- D. Enterprise and Business Support**

Answer: D

Explanation:

Now its 56 free checks out of 115 total.

AWS Basic Support and AWS Developer Support customers get access to 6 security checks (S3 Bucket Permissions, Security Groups - Specific Ports Unrestricted, IAM Use, MFA on Root Account, EBS Public Snapshots, RDS Public Snapshots) and 50 service limit checks. AWS Business Support and AWS Enterprise Support customers get access to all 115 Trusted Advisor checks (14 cost optimization, 17 security, 24 fault tolerance, 10 performance, and 50 service limits) and recommendations. For a complete list of checks and descriptions, explore Trusted Advisor Best Practices.

<https://aws.amazon.com/premiumsupport/technology/trusted-advisor/>