

CLF-C02 Dumps

AWS Certified Cloud Practitioner

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NEW QUESTION 1

- (Exam Topic 1)

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

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

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

Answer: B

NEW QUESTION 2

- (Exam Topic 1)

Elasticity in the AWS Cloud refers to which of the following? (Select TWO.)

- A. How quickly an Amazon EC2 instance can be restarted
- B. The ability to right size 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:

The AWS Well-Architected Framework defines elasticity as: The ability to acquire resources as you need them and release resources when you no longer need them. In the cloud, you want to do this automatically

<https://dev.to/aws-builders/what-does-elastic-mean-cloud-concepts-explained-4anb#:~:text=The%20AWS%20W>

NEW QUESTION 3

- (Exam Topic 1)

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

NEW QUESTION 4

- (Exam Topic 1)

A company is running an Amazon EC2 instance in a VPC.

Which of the following can the company use to route and filter incoming network requests for the EC2 instance?

- A. Route tables and web application firewalls
- B. Security groups and route tables
- C. Security groups and a network intrusion system
- D. Route tables and AWS Shield

Answer: B

NEW QUESTION 5

- (Exam Topic 1)

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

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

Answer: B

NEW QUESTION 6

- (Exam Topic 1)

Which of the following are characteristics of AWS WAF? (Select TWO.)

- A. Acts as a firewall that controls inbound and outbound traffic between Amazon EC2 instances
- B. Acts as a firewall that controls inbound and outbound traffic between subnets
- C. Gives users the ability to block traffic that has specific HTTP headers
- D. Protects websites that are not hosted on AWS
- E. Scans Amazon EC2 instances for common vulnerabilities

Answer: BC

Explanation:

AWS WAF lets you create rules to filter web traffic based on conditions that include IP addresses, HTTP headers and body, or custom URIs. This gives you an additional layer of protection from web attacks that attempt to exploit vulnerabilities in custom or third party web applications. In addition, AWS WAF makes it easy to create rules that block common web exploits like SQL injection and cross site scripting. AWS WAF allows you to create a centralized set of rules that you can deploy across multiple websites. This means that in an environment with many websites and web applications you can create a single set of rules that you can reuse across applications rather than recreating that rule on every application you want to protect.

NEW QUESTION 7

- (Exam Topic 1)

A company needs to use machine learning and pattern matching to identify and protect sensitive data that the company stores in the AWS Cloud. Which AWS service will meet these requirements?

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

Answer: B

Explanation:

Amazon Macie is a fully managed data security and data privacy service that uses machine learning and pattern matching to discover and protect your sensitive data in AWS.

NEW QUESTION 8

- (Exam Topic 1)

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

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

Answer: D

NEW QUESTION 9

- (Exam Topic 1)

A company is using an Amazon RDS database to run reports that are input/output (I/O) intensive. Which AWS service can be used to improve the database performance?

- A. Amazon DynamoDB Accelerator (DAX)
- B. Amazon EMR
- C. Amazon ElastiCache
- D. Amazon Redshift

Answer: C

NEW QUESTION 10

- (Exam Topic 1)

Which of the following describes AWS Local Zones?

- A. A cluster of data centers in one geographic location
- B. A site used by Amazon CloudFront to cache frequently accessed content
- C. An extension of an AWS Region to more granular locations
- D. One or more data centers with redundant power and networking

Answer: C

Explanation:

AWS Local Zones are a type of AWS infrastructure deployment that place compute, storage, database, and other select services closer to large population, industry, and IT centers, enabling you to deliver applications that require single-digit millisecond latency to end-users.

NEW QUESTION 10

- (Exam Topic 1)

A company needs to report on events that involve the specific AWS services that the company uses. Which AWS service or resource can the company use with Amazon CloudWatch to meet this requirement?

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

Answer: B

NEW QUESTION 11

- (Exam Topic 1)

A company plans to create a data lake that uses Amazon S3. Which factor will have the MOST effect on cost?

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

Answer: B

NEW QUESTION 16

- (Exam Topic 1)

A company needs to schedule the rotation of database credentials in the AWS Cloud. Which AWS service should the company use to perform this task?

- A. AWS Identity and Access Management (IAM)
- B. AWS Managed Services (AMS)
- C. Amazon RDS
- D. AWS Secrets Manager

Answer: D

Explanation:

AWS Secrets Manager makes it easier to rotate, manage, and retrieve database credentials, API keys, and other secrets throughout their lifecycle. The key features of this service include the ability to:

- * 1. Secure and manage secrets centrally. You can store, view, and manage all your secrets centrally. By default, Secrets Manager encrypts these secrets with encryption keys that you own and control. You can use fine-grained IAM policies or resource-based policies to control access to your secrets. You can also tag secrets to help you discover, organize, and control access to secrets used throughout your organization.
- * 2. Rotate secrets safely. You can configure Secrets Manager to rotate secrets automatically without disrupting your applications. Secrets Manager offers built-in integrations for rotating credentials for all Amazon RDS databases (MySQL, PostgreSQL, Oracle, Microsoft SQL Server, MariaDB, and Amazon Aurora.) You can also extend Secrets Manager to meet your custom rotation requirements by creating an AWS Lambda function to rotate other types of secrets.
- * 3. Transmit securely. Secrets are transmitted securely over Transport Layer Security (TLS) protocol 1.2. You can also use Secrets Manager with Amazon Virtual Private Cloud (Amazon VPC) endpoints powered by AWS Privatelink to keep this communication within the AWS network and help meet your compliance and regulatory requirements to limit public internet connectivity.
- * 4. Pay as you go. Pay for the secrets you store in Secrets Manager and for the use of these secrets; there are no long-term contracts, licensing fees, or infrastructure and personnel costs. For example, a typical production-scale web application will generate an estimated monthly bill of \$6. If you follow along the instructions in this blog post, your estimated monthly bill for Secrets Manager will be \$1. Note: you may incur additional charges for using Amazon RDS and Amazon Lambda, if you've already consumed the free tier for these services.

Now that you're familiar with Secrets Manager features, I'll show you how to store and automatically rotate credentials for an Oracle database hosted on Amazon RDS. I divided these instructions into three phases:

- * 1. Phase 1: Store and configure rotation for the superuser credential
- * 2. Phase 2: Store and configure rotation for the application credential
- * 3. Phase 3: Retrieve the credential from Secrets Manager programmatically

NEW QUESTION 17

- (Exam Topic 1)

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

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

Answer: B

NEW QUESTION 20

- (Exam Topic 2)

Which AWS service or resource helps on-premises applications connect to AWS Cloud-based storage and caches the data locally for low-latency access?

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

Answer: B

Explanation:

Storage Gateway enables on-premises applications to use cloud storage by providing low-latency data access over standard storage protocols.

NEW QUESTION 23

- (Exam Topic 2)

Which AWS hybrid storage service enables a user's on-premises applications to seamlessly use AWS Cloud storage?

- A. AWS Backup
- B. Amazon Connect
- C. AWS Direct Conned
- D. AWS Storage Gateway

Answer: D

NEW QUESTION 26

- (Exam Topic 2)

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

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

Answer: C

NEW QUESTION 31

- (Exam Topic 2)

Which AWS service adds speech-to-text capabilities to applications?

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

Answer: C

NEW QUESTION 34

- (Exam Topic 2)

Which guidelines are key AWS architectural design principles? (Select TWO.)

- A. Design for fixed resources.
- B. Build scalable architectures.
- C. Use tightly coupled components.
- D. Use managed services when possible.
- E. Design for human interaction.

Answer: BD

NEW QUESTION 36

- (Exam Topic 2)

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

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

Answer: A

NEW QUESTION 38

- (Exam Topic 2)

Which AWS service can a company use to access compliance documentation and AWS agreements?

- A. AWS Security Hub
- B. AWS Identity and Access Management (IAM)
- C. AWS Artifact
- D. AWS Certificate Manager (ACM)

Answer: C

NEW QUESTION 39

- (Exam Topic 2)

A company uses Amazon EC2 infrastructure to host steady-stale workloads and needs to achieve significant cost savings. Which EC2 instance pricing model should the company select?

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

Answer: A

Explanation:

Instances that must be online all the time and have steady or predictable traffic Any baseline usage, while using On-Demand or Spot Instances for bursts
Applications that might require reserved capacity Customers who can commit to using EC2 over a one-year or 3-year term
<https://aws.amazon.com/blogs/startups/optimizing-your-costs-for-aws-services-part-1/>

NEW QUESTION 42

- (Exam Topic 2)

Which AWS service is suited for use cases that require data backup and restore features include data lakes and need an archiving system?

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

Answer: D

NEW QUESTION 46

- (Exam Topic 2)

Which of the following can be used to identify a specific user who stopped an Amazon EC2 instance?

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

Answer: A

NEW QUESTION 47

- (Exam Topic 2)

A company wants to push VPC Flow Logs to an Amazon S3 bucket.

Which action is the company's responsibility?

- A. Managing the infrastructure that runs the S3 bucket.
- B. Managing the data in transit.
- C. Managing the encryption options on the S3 bucket
- D. Managing the operating system updates on the S3 bucket

Answer: C

NEW QUESTION 48

- (Exam Topic 2)

A company is using AWS Lambda.

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

- A. Update the Lambda runtime language
- B. Maintain the runtime environment
- C. Maintain the networking infrastructure
- D. Configure the resource

Answer: D

NEW QUESTION 52

- (Exam Topic 2)

Which of the following gives a company the ability to take advantage of tiered pricing for services across multiple AWS member accounts?

- A. AWS Organizations service control policies (SCPs)
- B. AWS Organizations consolidated billing
- C. All upfront Reserved Instances
- D. Cost Explorer utilization reports

Answer: B

NEW QUESTION 53

- (Exam Topic 2)

A company recently migrated to AWS and wants to enable intelligent threat protection and continuous monitoring across all of its AWS accounts.

Which AWS service should the company use to achieve this goal?

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

Answer: B

NEW QUESTION 58

- (Exam Topic 2)

What is the MOST secure way to store passwords on AWS?

- A. Store passwords in an Amazon S3 bucket
- B. Store passwords as AWS CloudFormation parameters
- C. Store passwords in AWS Storage Gateway
- D. Store passwords in AWS Secrets Manager

Answer: D

NEW QUESTION 60

- (Exam Topic 2)

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

- A. Patch the Amazon DynamoDB operating system
- B. Secure Amazon CloudFront edge locations by allowing physical access according to the principle of least privilege
- C. Protect the hardware that runs AWS services
- D. Use AWS Identity and Access Management (IAM) according to the principle of least privilege

Answer: D

NEW QUESTION 64

- (Exam Topic 2)

Which actions is the responsibility of AWS under the AWS shared responsibility model (Select TWO.)

- A. Scanning AWS service endpoints for vulnerabilities
- B. Enabling encryption on an Amazon S3 bucket
- C. Configuring security group rules
- D. Enforcing application access restrictions
- E. Encrypting traffic on the AWS backbone between global and regional AWS facilities

Answer: AE

NEW QUESTION 65

- (Exam Topic 2)

A company wants to use a serverless compute service for an application. Which AWS service will meet this requirement?

- A. AWS Lambda
- B. AWS CloudFormation
- C. AWS Elastic Beanstalk
- D. Elastic Load Balancing

Answer: A

NEW QUESTION 67

- (Exam Topic 2)

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

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

Answer: D

NEW QUESTION 71

- (Exam Topic 2)

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

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

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

Answer: D

Explanation:

The reliability pillar includes the ability of a system to recover from infrastructure or service disruptions

NEW QUESTION 75

- (Exam Topic 2)

A company recently created its first AWS account.

Which AWS services will require the use of a VPC? (Select TWO.)

- A. Amazon S3
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon Cognito
- D. Amazon DynamoDB
- E. Amazon EC2

Answer: BE

NEW QUESTION 77

- (Exam Topic 2)

Which of the following is available to a company that has an AWS Business Support plan?

- A. AWS Support concierge
- B. AWS DDoS Response Team (DRT)
- C. AWS technical account manager (TAM)
- D. AWS Health API

Answer: D

NEW QUESTION 79

- (Exam Topic 2)

A company wants to design its cloud architecture so that its workloads are resilient can consistently perform their intended functions correctly and can recover from failure quickly. Which pillar of the AWS Well-Architected Framework does this architecture represent?

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

Answer: D

NEW QUESTION 82

- (Exam Topic 2)

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 Single Sign-On
- D. AWS CL

Answer: B

NEW QUESTION 86

- (Exam Topic 2)

Which benefit of cloud computing gives a company the ability to deploy applications to users all over the world through a network of AWS Regions, Availability Zones, and edge locations?

- A. Economy of scale
- B. Global reach
- C. Agility
- D. High availability

Answer: C

NEW QUESTION 89

- (Exam Topic 3)

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

NEW QUESTION 92

- (Exam Topic 3)

Which component of the AWS global infrastructure does Amazon CloudFront use to speed up the delivery of content to users across the world?

- A. Amazon VPC
- B. Edge location
- C. Local Zone
- D. AWS Outposts connection

Answer: B

Explanation:

Amazon CloudFront is a content delivery network (CDN) that speeds up the delivery of content to users across the world. CloudFront achieves this by using a network of edge locations. An edge location is a physical location where content is cached and served to users. When a user requests content, CloudFront directs the request to the nearest edge location, where the cached content is delivered to the user. This reduces the time it takes to deliver the content and improves the user experience. By using a global network of edge locations, CloudFront is able to deliver content faster, regardless of the user's location. Reference: <https://aws.amazon.com/cloudfront/features/>

NEW QUESTION 96

- (Exam Topic 3)

According to the AWS shared responsibility model, the customer is responsible for applying the latest security updates and patches for which of the following?

- A. Amazon DynamoDB
- B. Amazon EC2 instances
- C. Amazon RDS instances
- D. Amazon S3

Answer: B

NEW QUESTION 99

- (Exam Topic 3)

A company provides Amazon Workspaces to its remote employees. The company wants to prevent employees from using their virtual desktops to visit specific websites that are known to be malicious.

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

- A. AWS Shield Advanced
- B. Amazon Route 53
- C. Amazon GuardDuty
- D. AWS Network Firewall

Answer: D

Explanation:

<https://aws.amazon.com/blogs/desktop-and-application-streaming/filtering-internet-traffic-from-amazon-worksp> AWS Network Firewall extends protection beyond SG- and NACL-levels by protecting at the route level and offering stateless and stateful rules from layers 3 through 7 in the OSI Model. It uses the certificate fully qualified domain name (FQDN) or Server Name Indication (SNI) to determine if a website is allowed for HTTPS traffic. This is a commonly requested security requirement. Reviewing these design examples of AWS Network Firewall will accelerate your migration to Amazon WorkSpaces. AWS Network Firewall is a managed service, with no infrastructure to manage or patch you can simplify operational excellence. Native settings for advanced filtering (including domain name), and network traffic inspection can alert and block traffic related to malware. It also has layer 7 intrusion prevent system (IPS) rules, and the ability to apply TLS fingerprinting to prevent a spoofed IP or FQDN.

NEW QUESTION 104

- (Exam Topic 3)

What is the recommended use case for Amazon EC2 On-Demand Instances?

- A. A steady-state workload that requires a particular EC2 instance configuration for a long period of time
- B. A workload that can be interrupted for a project that requires the lowest possible cost
- C. An unpredictable workload that does not require a long-term commitment
- D. A workload that is expected to run for longer than 1 year

Answer: B

NEW QUESTION 109

- (Exam Topic 3)

Which pillar of the AWS Well-Architected Framework includes the design principle of defining workloads, applications, and infrastructure as code (IaC)?

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

Answer: A

NEW QUESTION 111

- (Exam Topic 3)

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

- A. Loosely couple components
- B. Build monolithic systems
- C. Scale vertically, not horizontally
- D. Use third-party software

Answer: A

NEW QUESTION 116

- (Exam Topic 3)

Which of the following will help a user determine if they need to request a VPC service limit increase?

- A. AWS Personal Health Dashboard
- B. AWS Trusted Advisor
- C. AWS Cost and Usage Report
- D. AWS Service Catalog

Answer: A

NEW QUESTION 117

- (Exam Topic 3)

Which option is a common stakeholder role for the AWS Cloud Adoption Framework (AWS CAF.) platform perspective?

- A. Chief financial officer (CFO)
- B. Chief information officer (CIO)
- C. Chief data officer (CDO)
- D. Engineer

Answer: A

NEW QUESTION 118

- (Exam Topic 3)

A company runs an application in the AWS Cloud. The level of traffic to the application vary throughout the week. The company wants to increase the reliability of its application at all times, even during times of high traffic.

Which combination of steps will meet this requirement? (Select TWO.)

- A. Test recovery procedures.
- B. Purchase instance weekly based on the previous week's high traffic points.
- C. Handle software failures automatically.
- D. Scale the application vertically.
- E. Make all changes in the environment manually.

Answer: CD

NEW QUESTION 121

- (Exam Topic 3)

A company needs to store infrequently used data archives and long-term backups.

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

- A. Amazon FSx for Lustre.
- B. Amazon Elastic Block Store (Amazon EBS)
- C. Amazon Elastic File System (Amazon EFS)
- D. Amazon S3 Glacier Flexible Retrieval

Answer: D

NEW QUESTION 123

- (Exam Topic 3)

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:

Use AWS Security Hub to automate security best practice checks, aggregate security alerts into a single place and format, and understand your overall security posture across all of your AWS accounts.

NEW QUESTION 127

- (Exam Topic 3)

A company needs the historical cost and service usage details of its Amazon EC2 instances. Which AWS service or tool will provide this information?

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

Answer: C

Explanation:

AWS Cost Explorer helps you visualize, understand, and manage your AWS costs and usage over a daily or monthly granularity. You can also access your data with further granularity by enabling hourly and resource level granularity.

NEW QUESTION 129

- (Exam Topic 3)

Which action will help increase security in the AWS Cloud?

- A. Enable programmatic access for all IAM users.
- B. Use IAM users instead of IAM roles to delegate permissions.
- C. Rotate access keys on a reoccurring basis.
- D. Use inline policies instead of customer managed policies.

Answer: C

Explanation:

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

Where possible, we recommend relying on temporary credentials instead of creating long-term credentials such as access keys. However, for scenarios in which you need IAM users with programmatic access and long-term credentials, we recommend that you rotate access keys. Regularly rotating long-term credentials helps you familiarize yourself with the process. This is useful in case you are ever in a situation where you must rotate credentials, such as when an employee leaves your company. We recommend that you use IAM access last used information to rotate and remove access keys safely.

NEW QUESTION 134

- (Exam Topic 3)

Which AWS service should a cloud practitioner use to identify security vulnerabilities of an AWS account?

- A. AWS Secrets Manager
- B. Amazon Cognito
- C. Amazon Macie
- D. AWS Trusted Advisor

Answer: D

NEW QUESTION 139

- (Exam Topic 3)

Which AWS service provides a virtual desktop solution?

- A. Amazon EC2
- B. AWS Elastic Beanstalk
- C. AWS System Manager
- D. Amazon Workspaces

Answer: C

NEW QUESTION 141

- (Exam Topic 3)

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

NEW QUESTION 146

- (Exam Topic 3)

A company is planning to migrate to the AWS Cloud. The company is conducting organizational transformation and wants to become more responsive to customer inquiries and feedback.

Which task should the company perform to meet these requirements, accounting to the AWS Cloud Adoption Framework (AWS CAF)?

- A. Realign teams to focus on products and value streams.
- B. Create new value propositions with new products and services.
- C. Use a new data and analytics platform to create actionable insights.
- D. Migrate and modernize legacy infrastructure.

Answer: B

NEW QUESTION 151

- (Exam Topic 3)

Which AWS service or feature can a company use to estimate AWS costs before provisioning workloads?

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

Answer: A

NEW QUESTION 153

- (Exam Topic 3)

A company needs to use Amazon S3 to store audio files that are each 5 megabytes in size. The company will rarely access the files, but the company must be able to retrieve the files immediately:

Which S3 storage class will meet these requirements MOST cost-effectively?

- A. S3 Standard
- B. S3 Standard-Infrequent Access (S3 Standard-AI)
- C. S3 Glacier Flexible Retrieval
- D. S3 Glacier Deep Archive

Answer: B

NEW QUESTION 157

- (Exam Topic 3)

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

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

Answer: B

Explanation:

If you do have an access key for your AWS account root user, delete it. If you must keep it, rotate (change) the access key regularly. To delete or rotate your root user access keys, go to the My Security Credentials page in the AWS Management Console and sign in with your account's email address and password. You can manage your access keys in the Access keys section. For more information about rotating access keys, see Rotating access keys.

NEW QUESTION 161

- (Exam Topic 3)

A company needs to block SQL injection attacks.

Which AWS service or feature provides this functionality?

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

Answer: A

NEW QUESTION 165

- (Exam Topic 3)

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

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

Answer: B

NEW QUESTION 170

- (Exam Topic 3)

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

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

Answer: BD

Explanation:

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

NEW QUESTION 171

- (Exam Topic 3)

A company is using AWS Organizations to configure AWS accounts. Which design principle is a best practice for the company to implement?

- A. Organize accounts based on security and operational needs.
- B. Assign multiple sets of related workloads to each production account.
- C. Deploy workloads to the organization's management account.
- D. Combine production workloads and non-production workloads.

Answer: A

NEW QUESTION 173

- (Exam Topic 3)

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

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

Answer: C

Explanation:

Testing recovery procedures Reliability
Design Principles
Automatically recover from failure Test recovery procedures
Scale horizontally to increase aggregate workload availability Stop guessing capacity
Manage change in automation

NEW QUESTION 175

- (Exam Topic 3)

Which benefit of the AWS Cloud helps companies achieve lower usage costs because of the aggregate of all AWS users?

- A. No need to guess capacity
- B. Ability to go global in minutes
- C. Economies of scale
- D. Increased speed and agility

Answer: A

NEW QUESTION 180

- (Exam Topic 3)

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

- A. Maintenance of the underlying Lambda hardware.
- B. Maintenance of the Lambda networking infrastructure.
- C. The code and libraries that run in the lambda function.
- D. The Lambda server software.

Answer: C

NEW QUESTION 185

- (Exam Topic 3)

A company is choosing an AWS Support plan. The company needs the ability to contact cloud support engineers by phone, email, and chat 24 hours a day, 7 days a week.

What is the LEAST expensive AWS Support plan that meets these requirements?

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

Answer: C

Explanation:

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

NEW QUESTION 189

- (Exam Topic 3)

A company is using Amazon EC2 instances.

Which tasks are the company's responsibility, according to the AWS shared responsibility model? (Select TWO.)

- A. Choose the initial root password of new Linux instances.
- B. Identify which users can access the EC2 instances, and manage their permissions in the operating system
- C. Apply the updates of the hypervisor where the EC2 instances are running.
- D. Choose between a Wi-Fi connection and an Ethernet connection for the global internet access.
- E. Identify and manage the users who are allowed to create or delete EC2 instances.

Answer: BE

NEW QUESTION 194

- (Exam Topic 3)

Which AWS services can a company use to transfer on-premises data to the AWS Cloud? (Select TWO.)

- A. AWS Snowcone
- B. AWS Transit Gateway
- C. AWS DataSync
- D. AWS Backup
- E. Amazon Connect

Answer: AC

NEW QUESTION 199

- (Exam Topic 3)

Which AWS service helps users audit API activity across their AWS account?

- A. AWS CloudTrail
- B. Amazon Inspector
- C. AWSWAF

D. AWS Config

Answer: A

NEW QUESTION 202

- (Exam Topic 3)

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

Which service will meet these requirements?

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

Answer: D

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/>

NEW QUESTION 204

- (Exam Topic 3)

A cloud practitioner needs to design a NoSQL database that is highly scalable, is durable, and requires minimal maintenance. Which AWS service meets these requirements?

- A. Amazon RDS for MySQL
- B. Microsoft SQL Server on Amazon EC2
- C. Amazon DynamoDB
- D. Amazon Redshift

Answer: C

NEW QUESTION 207

- (Exam Topic 3)

A company wants to rightsized its Amazon EC2 instances.

Which configuration change will meet this requirement with the LEAST operational overhead?

- A. Add EC2 instances in another Availability Zone.
- B. Change the size and type of the EC2 instances based on utilization.
- C. Convert the payment method from On-Demand to Savings Plans.
- D. Retrain the EC2 instances with a larger instance type.

Answer: B

NEW QUESTION 211

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