



Amazon-Web-Services

Exam Questions CLF-C02

AWS Certified Cloud Practitioner

NEW QUESTION 1

- (Exam Topic 1)

A company wants a cost-effective option when running its applications in an Amazon EC2 instance for short time periods. The applications can be interrupted. Which EC2 instance type will meet these requirements?

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

Answer: A

Explanation:

Spot Instances - Spot Instances are the most cost-effective choice if you are flexible about when your applications run and if your applications can be interrupted.

NEW QUESTION 2

- (Exam Topic 1)

Which AWS service allows for file sharing between multiple Amazon EC2 instances?

- A. AWS Direct Connect
- B. AWS Snowball Edge
- C. AWS Backup
- D. Amazon Elastic File System (Amazon EFS)

Answer: D

Explanation:

Amazon EFS provides shared file storage for use with compute instances in the AWS Cloud and on-premises servers. Applications that require shared file access can use Amazon EFS for reliable file storage delivering high aggregate throughput to thousands of clients simultaneously.

NEW QUESTION 3

- (Exam Topic 1)

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

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

Answer: A

NEW QUESTION 4

- (Exam Topic 1)

A user has been granted permission to change their own IAM user password. Which AWS services can the user use to change the password? (Select TWO.)

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

Answer: AC

NEW QUESTION 5

- (Exam Topic 1)

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: A

Explanation:

<https://aws.amazon.com/lambda/security-overview-of-aws-lambda/> When customers use AWS Lambda, AWS manages the underlying infrastructure and foundation services, the operating system, and the application platform. Customers themselves are responsible for the security of their code, the storage and accessibility of sensitive data, and identity and access management (IAM) to the Lambda service and within their function.

NEW QUESTION 6

- (Exam Topic 1)

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

NEW QUESTION 7

- (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 8

- (Exam Topic 1)

A company runs a web application on Amazon EC2 instances. The application must run constantly and is expected to run indefinitely without interruption.

Which EC2 instance purchasing options will meet these requirements MOST cost-effectively? (Select TWO.)

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

Answer: CD

Explanation:

Amazon EC2 provides the following purchasing options to enable you to optimize your costs based on your needs:

*On-Demand Instances – Pay, by the second, for the instances that you launch.

*Savings Plans – Reduce your Amazon EC2 costs by making a commitment to a consistent amount of usage, in USD per hour, for a term of 1 or 3 years.

*Reserved Instances – Reduce your Amazon EC2 costs by making a commitment to a consistent instance configuration, including instance type and Region, for a term of 1 or 3 years.

*Spot Instances – Request unused EC2 instances, which can reduce your Amazon EC2 costs significantly.

*Dedicated Hosts – Pay for a physical host that is fully dedicated to running your instances, and bring your existing per-socket, per-core, or per-VM software licenses to reduce costs.

*Dedicated Instances – Pay, by the hour, for instances that run on single-tenant hardware.

*Capacity Reservations – Reserve capacity for your EC2 instances in a specific Availability Zone for any duration.

If you require a capacity reservation, purchase Reserved Instances or Capacity Reservations for a specific Availability Zone. Spot Instances are a cost-effective choice if you can be flexible about when your applications run and if they can be interrupted. Dedicated Hosts or Dedicated Instances can help you address compliance requirements and reduce costs by using your existing server-bound software licenses.

NEW QUESTION 9

- (Exam Topic 1)

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

- A. Encrypt client-side data and authenticate data integrity.
- B. Manage customer data.
- C. Perform identity and access management.
- D. Provide physical security for Availability Zones.
- E. Patch the operating system of Amazon S3

Answer: AD

NEW QUESTION 10

- (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 10

- (Exam Topic 1)

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

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

Answer: B

NEW QUESTION 11

- (Exam Topic 1)

A company needs to run an application on Amazon EC2 instances. The instances cannot be interrupted at any time. The company needs an instance purchasing option that requires no long-term commitment or upfront payment. Which instance purchasing option will meet these requirements MOST cost-effectively ?

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

Answer: A

NEW QUESTION 14

- (Exam Topic 1)

A company is moving its virtual machines (VMs) from an on-premises environment to the AWS Cloud. The company plans to deploy Amazon EC2 instances. Which cloud computing model will the company use in this scenario?

- A. Platform as a service (PaaS)
- B. Infrastructure as a service (IaaS)
- C. Function as a service (FaaS)
- D. Software as a service (SaaS)

Answer: B

NEW QUESTION 18

- (Exam Topic 1)

According to the AWS shared responsibility model, which activities are the customer's responsibility for security in the AWS Cloud? (Select TWO.)

- A. Hardware maintenance
- B. Amazon EC2 operating system patching
- C. API access control for AWS resources
- D. Configuration management of infrastructure devices
- E. Maintenance of an Availability Zone

Answer: BC

NEW QUESTION 21

- (Exam Topic 1)

A company runs applications that process credit card information. Auditors have asked if the AWS environment has changed since the previous audit. If the AWS environment has changed, the auditors want to know how it has changed. Which AWS services can provide this information? (Select TWO.)

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

Answer: CD

Explanation:

AWS Artifact is your go-to, central resource for compliance-related information that matters to you. It provides on-demand access to AWS' security and compliance reports and select online agreements.

AWS Trusted Advisor provides recommendations that help you follow AWS best practices. Trusted Advisor evaluates your account by using checks. These checks identify ways to optimize your AWS infrastructure, improve security and performance, reduce costs, and monitor service quotas.

AWS Config is a service that enables you to assess, audit, and evaluate the configurations of your AWS resources. Config continuously monitors and records your AWS resource configurations and allows you to automate the evaluation of recorded configurations against desired configurations.

AWS 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.

AWS Identity and Access Management (IAM) provides fine-grained access control across all of AWS. With IAM, you can specify who can access which services and resources, and under which conditions. With IAM policies, you manage permissions to your workforce and systems to ensure least-privilege permissions.

NEW QUESTION 24

- (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 26

- (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 29

- (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 32

- (Exam Topic 1)

A company requires an isolated environment within AWS for security purposes. Which action can be taken to accomplish this?

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

Answer: B

Explanation:

Network isolation A virtual private cloud (VPC) is a virtual network in your own logically isolated area in the AWS Cloud. Use separate VPCs to isolate infrastructure by workload or organizational entity. A subnet is a range of IP addresses in a VPC. When you launch an instance, you launch it into a subnet in your VPC. Use subnets to isolate the tiers of your application (for example, web, application, and database) within a single VPC. Use private subnets for your instances if they should not be accessed directly from the internet. To call the Amazon EC2 API from your VPC without sending traffic over the public internet, use AWS PrivateLink. <https://docs.aws.amazon.com/AWSEC2/latest/WindowsGuide/infrastructure-security.html>

NEW QUESTION 35

- (Exam Topic 1)

Which AWS services provide high availability across multiple Availability Zones by default? (Select TWO.)

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

Answer: BD

NEW QUESTION 39

- (Exam Topic 1)

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

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

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

Answer: C

NEW QUESTION 42

- (Exam Topic 1)

A company needs to audit its AWS resources. The company must document any changes that have been made to the resources. Which AWS service will meet these requirements?

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

Answer: B

NEW QUESTION 46

- (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 51

- (Exam Topic 1)

Which AWS service or feature enables users to get one bill and easily track charges for multiple AWS accounts?

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

Answer: A

Explanation:

You can use the consolidated billing feature in AWS Organizations to consolidate billing and payment for multiple AWS accounts or multiple Amazon Internet Services Pvt. Ltd (AISPL) accounts. Every organization in AWS Organizations has a management account that pays the charges of all the member accounts.

NEW QUESTION 53

- (Exam Topic 1)

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

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

Answer: D

Explanation:

Amazon Route 53 with DNS Failover, Amazon Route 53 can help detect an outage of your website and redirect your end users to alternate locations where your application is operating properly.

NEW QUESTION 57

- (Exam Topic 1)

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: A

NEW QUESTION 59

- (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 60

- (Exam Topic 1)

Which AWS service enables the decoupling and scaling of applications?

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

Answer: A

Explanation:

Amazon Simple Queue Service (SQS) is a fully managed message queuing service that enables you to decouple and scale microservices, distributed systems, and serverless applications.

NEW QUESTION 64

- (Exam Topic 1)

Which of the following are design principles of the reliability pillar of the AWS Well-Architected Framework? (Select TWO.)

- A. Perform operations as code.
- B. Stop guessing capacity.
- C. Adopt serverless architecture whenever possible.
- D. Use build and deployment management systems.
- E. Make changes to infrastructure by using automation.

Answer: BE

NEW QUESTION 69

- (Exam Topic 1)

What is an AWS Region?

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

Answer: B

Explanation:

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 multiple, isolated, and physically separate AZs within a geographic area.

NEW QUESTION 70

- (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 74

- (Exam Topic 1)

Which AWS service keeps track of SSL/TLS certificates, creates new certificates, and processes renewals?

- A. AWS Identity and Access Management (IAM)
- B. AWS Certificate Manager (ACM)
- C. AWS Config
- D. AWS Trusted Advisor

Answer: B

Explanation:

AWS Certificate Manager helps manage the challenges of maintaining SSL/TLS certificates, including certificate renewals so you don't have to worry about

expiring certificates. Learn more about provisioning, managing, and deploying public and private SSL/TLS certificates.

NEW QUESTION 79

- (Exam Topic 1)

A company has existing software licenses that it wants to bring to AWS, but the licensing model requires licensing physical cores. How can the company meet this requirement in the AWS Cloud?

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

Answer: B

NEW QUESTION 80

- (Exam Topic 1)

Which service is an AWS in-memory data store service?

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

Answer: D

NEW QUESTION 85

- (Exam Topic 1)

A company's system administrator discovers that someone logged in to the company's AWS account during the weekend and terminated an Amazon EC2 instance. Which AWS service should the system administrator use to identify who made this change?

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

Answer: C

NEW QUESTION 87

- (Exam Topic 1)

A company's on-premises application deployment cycle was 3-4 weeks. After migrating to the AWS Cloud, the company can deploy the application in 2-3 days. Which benefit has this company experienced by moving to the AWS Cloud?

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

Answer: C

Explanation:

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

NEW QUESTION 92

- (Exam Topic 1)

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

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

Answer: C

Explanation:

Amazon Kinesis is the AWS service that makes it easy to collect, process, and analyze such real-time, streaming data with four different capabilities: Kinesis Data Streams: Enables ingesting, buffering, and custom processing of your streaming data.

NEW QUESTION 93

- (Exam Topic 1)

A company is moving its on-premises NoSQL database to the AWS Cloud. Which AWS service should the company use for the NoSQL database?

- A. Amazon Redshift
- B. Amazon RDS for MySQL
- C. Amazon Quantum Ledger Database (Amazon QLDB)
- D. Amazon DynamoDB

Answer:

D

NEW QUESTION 97

- (Exam Topic 1)

Which of the following consists of one or more isolated data centers in the same regional area that are interconnected through low-latency networks?

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

Answer: A

NEW QUESTION 99

- (Exam Topic 1)

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

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

Answer: B

Explanation:

Amazon DynamoDB is designed to provide consistent single-digit millisecond latency for any scale of workloads. This consistent performance is a big part of why the Snapchat Stories feature, which includes Snapchat's largest storage write workload, moved to DynamoDB.

NEW QUESTION 100

- (Exam Topic 1)

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

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

Answer: B

Explanation:

Amazon S3 is object storage built to store and retrieve any amount of data from anywhere. It's a simple storage service that offers industry leading durability, availability, performance, security, and virtually unlimited scalability at very low costs.

NEW QUESTION 101

- (Exam Topic 1)

Which AWS service decouples application components so that the components run independently?

- A. Amazon Simple Notification Service (Amazon SNS)
- B. Amazon Simple Workflow Service (Amazon SWF)
- C. AWS Glue
- D. Amazon Simple Queue Service (Amazon SQS)

Answer: D

Explanation:

Amazon SQS is a fully managed message queuing service that makes it easy to decouple and scale microservices, distributed systems, and serverless applications. Amazon SQS lets you decouple application components so that they run and fail independently, increasing the overall fault tolerance of the system.

NEW QUESTION 102

- (Exam Topic 1)

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

Which AWS service or resource will meet these requirements?

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

Answer: D

Explanation:

AWS Auto Scaling monitors your applications and automatically adjusts capacity to maintain steady, predictable performance at the lowest possible cost.

NEW QUESTION 103

- (Exam Topic 1)

Which AWS service should a company use to decouple large monolithic applications into smaller microservices components?

- A. AWS Direct Connect
- B. Amazon Lightsail
- C. Amazon Simple Queue Service (Amazon SQS)
- D. Amazon CloudWatch

Answer: C

Explanation:

Amazon SQS is a fully managed message queuing service that makes it easy to decouple and scale microservices, distributed systems, and serverless applications

NEW QUESTION 105

- (Exam Topic 1)

A user is a new AWS account owner who has no special access requirements. What should this user do with the AWS account root user access keys?

- A. Share the keys with all relevant internal users so that those users can programmatically access AWS services.
- B. Post the keys on GitHub to provide development teams with access to AWS services.
- C. Use the keys for access, but do not share the keys with anyone.
- D. Delete the keys and create IAM users.

Answer: C

NEW QUESTION 106

- (Exam Topic 1)

A company wants to set up an entire development and continuous delivery toolchain for coding, building, testing, and deploying application code. Which AWS service will meet these requirements?

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

Answer: B

NEW QUESTION 108

- (Exam Topic 2)

A system administrator notices that several Amazon EC2 instances have been terminated. The system administrator needs to identify the user or AWS API call that terminated these instances. Which AWS service should the system administrator use to meet this requirement?

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

Answer: B

NEW QUESTION 111

- (Exam Topic 2)

A company needs to automatically protect its Amazon EC2 instances from distributed denial of service (DDoS) attacks. Which AWS service or tool will provide this protection?

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

Answer: B

NEW QUESTION 116

- (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 117

- (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 121

- (Exam Topic 2)

A company has stopped all of its Amazon EC2 instances but monthly billing charges continue to occur. What could be causing this? (Select TWO.)

- A. Amazon Elastic Block Store (Amazon EBS) storage charges
- B. Operating system charges
- C. Hardware charges
- D. Elastic IP charges
- E. Input/output (I/O) charges

Answer: AD

NEW QUESTION 126

- (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 127

- (Exam Topic 2)

A company's procurement department wants volume discounts on AWS services for the company but numerous departments have separate AWS accounts. Which AWS service or tool can the company use to receive volume discounts across multiple AWS accounts?

- A. Cost Explore'
- B. AWS Budgets
- C. AWS Cost and Usage Report
- D. AWS Organizations

Answer: D

NEW QUESTION 130

- (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 133

- (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 134

- (Exam Topic 2)

Which fully managed AWS service allows a user to bring their own machine learning algorithm?

- A. Amazon Forecast
- B. AWS Artifact
- C. AWS Data Pipeline
- D. Amazon SageMaker

Answer: D

NEW QUESTION 135

- (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 137

- (Exam Topic 2)

A company wants to receive alerts when resources that are launched in the company's AWS account reach 80% of their service quotas. Which AWS service should the company use to meet this requirement?

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

Answer: B

NEW QUESTION 138

- (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 141

- (Exam Topic 2)

Which of the following are security principles in the AWS Well-Architected Framework? (Select TWO.)

- A. Analyze and attribute expenditures
- B. Monitor, alert and audit actions and changes to AWS resources
- C. Deploy globally in minutes
- D. Protect data in transit and at rest
- E. Perform operations as code

Answer: BD

NEW QUESTION 146

- (Exam Topic 2)

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: B

NEW QUESTION 147

- (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 148

- (Exam Topic 2)

A company that is migrating to the AWS Cloud wants to reduce the operational costs of running its databases. Which combination of actions should the company take to achieve this goal (Select TWO.)

- A. Activate Amazon DynamoDB Accelerator (DAX)
- B. Deploy resources across multiple Availability Zones.

- C. Decrease operational tasks by using AWS managed services.
- D. Automate changes and responses to events.
- E. Use the AWS global infrastructure to benefit from economies of scale

Answer: CD

NEW QUESTION 150

- (Exam Topic 2)

Which of the following does Amazon CloudFront use to distribute content to users around the world?

- A. Amazon VPC
- B. AWS Local Zones
- C. Edge locations
- D. Availability Zones

Answer: C

Explanation:

CloudFront delivers your content through a worldwide network of data centers called edge locations. The regional edge caches are located between your origin web server and the global edge locations that serve content directly to your viewers.

NEW QUESTION 155

- (Exam Topic 2)

A company is using Amazon EC2 instances.

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

- A. Maintain the network infrastructure.
- B. Patch the guest operating system.
- C. Configure a security group on deployed EC2 instances.
- D. Provide physical security for the underlying hardware Of the EC2 instances.
- E. Manage the underlying hypervisor.

Answer: DE

NEW QUESTION 157

- (Exam Topic 2)

A company plans to move its on-premises servers to Amazon EC2 instances. The company has 50 different business units and wants to separate each billing lot each unit. What should a cloud practitioner recommend?

- A. Use separate AWS accounts for each business unit then filter by unit using the coverage report
- B. Place each business unit in a different AWS Region then filter by unit in Cost Explorer.
- C. Tag each business unit's resources then filter by unit in Cost Explorer
- D. Use a different VPC for each business unit then filter by unit using an AWS Cost and Usage Report

Answer: C

NEW QUESTION 161

- (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 165

- (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 169

- (Exam Topic 2)

A company needs to use third-party software for its workload on AWS. Which AWS service or feature can the company use to purchase the software?

- A. AWS Resource Access Manager
- B. AWS Manager Services
- C. AWS License Manager
- D. AWS Marketplace

Answer: D

NEW QUESTION 170

- (Exam Topic 2)

A company manages an on-premises MySQL database on a Windows server. The company wants to migrate the database to AWS and needs a solution that will reduce the administrative overhead of the database.

Which AWS service will meet this requirement?

- A. Amazon Redshift
- B. Amazon ElastiCache
- C. Amazon RDS
- D. Amazon Elastic File System (Amazon EFS)

Answer: C

NEW QUESTION 171

- (Exam Topic 2)

Which of the following are advantages of the AWS Cloud? (Select TWO.)

- A. AWS manages all the security within the cloud
- B. Expenses never change from month to month
- C. Users can stop spending money on the maintenance of data centers
- D. Users do not need to deploy applications globally
- E. Users can stop guessing about resource capacity

Answer: CE

NEW QUESTION 172

- (Exam Topic 2)

A company needs an AWS service that can monitor the company's AWS account. If the service identifies misconfigurations, the company's operations team must receive an alert. Additionally, the service must remediate the issues by invoking AWS Lambda functions.

Which service will meet these requirements?

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

Answer: D

NEW QUESTION 176

- (Exam Topic 2)

A company wants to organize its users so that the company can grant permissions to the users as a group. Which AWS service or tool can the company use to meet this requirement?

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

Answer: B

NEW QUESTION 177

- (Exam Topic 2)

A company moves a workload to AWS to run on Amazon EC2 instances. The company needs to run the workload in the most cost-effective way.

What can the company do to meet this requirement?

- A. Use AWS Key Management Service (AWS KMS)
- B. Use multiple AWS accounts and consolidated billing.
- C. Use AWS CloudFormation to deploy the infrastructure.
- D. Rightsize all the EC2 instances that are used in the deployment

Answer: D

NEW QUESTION 181

- (Exam Topic 2)

A company plans to migrate complex legacy systems to AWS. The company will use several operating systems, multiple databases, and multiple programming languages. Which benefit of the AWS Cloud does this scenario represent?

- A. Scalability
- B. Flexibility
- C. Reliability
- D. Security

Answer: B

NEW QUESTION 186

- (Exam Topic 2)

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

NEW QUESTION 188

- (Exam Topic 2)

Which AWS service provides managed DDoS protection?

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

Answer: B

NEW QUESTION 193

- (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 197

- (Exam Topic 2)

A company is hosting an application in the AWS Cloud. The company wants to verify that underlying AWS services and general AWS infrastructure are operating normally.

Which combination of AWS services can the company use to gather the required information? (Select TWO).

- A. AWS Personal Health Dashboard.
- B. AWS System Manager
- C. AWS trusted Advisor
- D. AWS Service Health Dashboard
- E. AWS Service Catalog

Answer: CD

NEW QUESTION 200

- (Exam Topic 2)

Which of the following are advantages of moving to the AWS Cloud? (Select TWO.)

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

Answer: AD

NEW QUESTION 202

- (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 207

- (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 208

- (Exam Topic 2)

A company needs to perform queries and interactively search and analyze log data. Which AWS service or feature will meet this requirement?

- A. Amazon EventBridge (Amazon CloudWatch Events)
- B. Amazon CloudWatch anomaly detection
- C. Amazon CloudWatch Logs Insights
- D. Amazon CloudWatch Logs streams

Answer: C

NEW QUESTION 212

- (Exam Topic 2)

A company is using AWS for all its IT infrastructure. The company's developers are allowed to deploy applications on their own. The developers want to deploy their applications without having to provision the infrastructure themselves

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

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

Answer: D

NEW QUESTION 215

- (Exam Topic 2)

Which actions is the responsibility of AWS according to the AWS shared responsibility model? (Select 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

NEW QUESTION 220

- (Exam Topic 2)

Which AWS service will help a company plan a migration to AWS by collecting the configuration usage and behavior data of on-premises data centers?

- A. AWS Resource Groups
- B. AWS Application Discovery Service
- C. AWS Service Catalog
- D. AWS Systems Manager

Answer: B

NEW QUESTION 223

- (Exam Topic 3)

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

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

Answer: A

NEW QUESTION 225

- (Exam Topic 3)

Which combination of AWS services or features can a company use to encrypt data in transit and data at rest? (Select TWO.)

- A. AWS Lambda
- B. AWS Key Management Service (AWS KMS)
- C. Amazon CloudWatch metrics
- D. AWS Certificate Manager (ACM)
- E. AWS Systems Manager

Answer: BD

NEW QUESTION 228

- (Exam Topic 3)

Which of the following are economic benefits of using the AWS Cloud? (Select TWO.)

- A. Consumption-based pricing
- B. Perpetual licenses
- C. Economies of scale
- D. AWS Enterprise Support at no additional cost
- E. Bring-your-own-hardware model

Answer: AC

NEW QUESTION 233

- (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 235

- (Exam Topic 3)

A company wants an in-memory data store that is compatible with open source in the cloud. Which AWS service should the company use?

- A. Amazon DynamoDB
- B. Amazon ElastiCache
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon Redshift

Answer: B

NEW QUESTION 240

- (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 241

- (Exam Topic 3)

A company wants to move petabytes of historical data into the AWS Cloud. The company needs to transfer the data from a remote location that does not have reliable network services.

Which AWS service will meet these requirements?

- A. AWS Snowball
- B. AWS DataSync
- C. AWS Direct Connect
- D. AWS Site-to-Site VPN

Answer: A

NEW QUESTION 246

- (Exam Topic 3)

A company needs a content delivery network that provides secure delivery of data, videos, applications, and APIs to users globally with low latency and high transfer speeds.

Which AWS service meets these requirements?

- A. Amazon CloudFront
- B. Elastic Load Balancing
- C. Amazon S3
- D. Amazon Elastic Transcoder

Answer: A

NEW QUESTION 250

- (Exam Topic 3)

A company wants its Amazon EC2 instance to share the same geographic area but use redundant underlying power sources.

Which solution will meet these requirements?

- A. Use EC2 instance 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

NEW QUESTION 252

- (Exam Topic 3)

A company is building a business intelligence solution using Amazon Redshift. The company wants to use an AWS service to create interactive dashboards and not pay any upfront costs for it.

Which service should the company use?

- A. Amazon CloudWatch
- B. AWS Personal Health Dashboard
- C. AWS Service Catalog
- D. Amazon QuickSight

Answer: D

NEW QUESTION 254

- (Exam Topic 3)

A company wants to protect resources that the company hosts on AWS, including Application Load Balancers and Amazon CloudFront distributions. The company wants an AWS service that can provide near real-time visibility into attacks on the company's resources. The service must also have a dedicated AWS team to assist with distributed denial of service (DDoS) attacks.

Which AWS service will meet these requirements?

- A. AWS WAF
- B. AWS Shield Standard
- C. Amazon Macie
- D. AWS Shield Advanced

Answer: D

Explanation:

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

NEW QUESTION 259

- (Exam Topic 3)

A company moves a workload to AWS to run on Amazon EC2 instances. The company needs to run the workload in the most cost-effective way. What can the company do to meet this requirement?

- A. Use AWS Key Management Service (AWS KMS).
- B. Use multiple AWS accounts and consolidated billing.
- C. Use AWS CloudFormation to deploy the infrastructure.
- D. Rightsize all the EC2 instances that are used in the deployment.

Answer: D

NEW QUESTION 261

- (Exam Topic 3)

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

Explanation:

<https://www.amazonaws.cn/en/fsx/windows/>

NEW QUESTION 263

- (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 268

- (Exam Topic 3)

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

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

Answer: C

NEW QUESTION 271

- (Exam Topic 3)

Which AWS service allows a user to provision a managed MySQL DB instance?

- A. Amazon DynamoDB
- B. Amazon Redshift
- C. Amazon RDS
- D. AWS Database Migration Service (AWS DMS)

Answer: C

NEW QUESTION 275

- (Exam Topic 3)

A company needs to use a serverless interactive query service to analyze data in Amazon S3. The query service must support standard SQL.

Which AWS service will meet these requirements?

- A. Amazon Redshift
- B. AWS Glue
- C. Amazon Athena
- D. Amazon Kinesis Data Streams

Answer: C

NEW QUESTION 280

- (Exam Topic 3)

Which AWS service gives users the ability to provision a dedicated and private network connection from their internal network to AWS?

- A. AWS CloudHSM
- B. AWS Direct Connect
- C. AWS VPN
- D. Amazon Connect

Answer: B

Explanation:

AWS Direct Connect lets you establish a dedicated network connection between your network and one of the AWS Direct Connect locations. Using industry standard 802.1q VLANs, this dedicated connection can be partitioned into multiple virtual interfaces. This allows you to use the same connection to access public resources such as objects stored in Amazon S3 using public IP address space, and private resources such as Amazon EC2 instances running within an Amazon Virtual Private Cloud (VPC) using private IP space, while maintaining network separation between the public and private environments. Virtual interfaces can be reconfigured at any time to meet your changing needs.

NEW QUESTION 285

- (Exam Topic 3)

When AWS tool acts as a firewall to control traffic in and out of subnets within a VPC?

- A. Security group
- B. Route table
- C. VPC endpoint
- D. Network access control list (ACL)

Answer: D

NEW QUESTION 289

- (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 292

- (Exam Topic 3)

Which AWS service can convert taxi 10 lifelike speech?

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

Answer: C

NEW QUESTION 296

- (Exam Topic 3)

A company wants its Amazon EC2 instances to operate in a highly available environment, even if there is a natural disaster in a particular geographic area. Which solution achieves this goal?

- A. Use EC2 instances in a single Availability Zone.
- B. Use EC2 instance in multiple AWS Regions.
- C. Use EC2 instance in multiple edge locations.
- D. Use Amazon Cloudfront with the EC2 instance configured as the source.

Answer: D

NEW QUESTION 300

- (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 305

- (Exam Topic 3)

A company needs to transfer 60 TB of data to the AWS Cloud in a secure manner. Which of the following should the company use to meet these requirements?

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

Answer: A

Explanation:

<https://aws.amazon.com/blogs/storage/migrating-hundreds-of-tb-of-data-to-amazon-s3-with-aws-datasync/>

NEW QUESTION 309

- (Exam Topic 3)

A company needs network access to be restricted to an Amazon EC2 instance for certain ports. Which AWS services or features will support this requirement? (Select TWO.)

- A. Amazon Elastic Block Store (Amazon EBS)
- B. Network ACLs
- C. IAM Password rotation policy
- D. Security groups
- E. Amazon Route 53 record sets

Answer: BD

NEW QUESTION 310

- (Exam Topic 3)

Which AWS services or resources can a company use directly on its on-premises servers? (Choose two.)

- A. AWS OpsWorks
- B. AWS CloudFormation
- C. AWS Storage Gateway
- D. Application Load Balancer
- E. Amazon Cognito

Answer: AC

Explanation:

AWS OpsWorks- They work great with EC2 & On-Premises VM AWS Storage Gateway is a set of hybrid cloud storage services that provide on-premises access to virtually unlimited cloud storage. <https://aws.amazon.com/storagegateway/>

NEW QUESTION 315

- (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 320

- (Exam Topic 3)

A company needs to organize its resources and track AWS costs on a detailed level. The company needs to categorize costs by business department, environment, and application.

Which solution will meet these requirements?

- A. Access the AWS Cost Management console to organize resources, set an AWS budget, and receive notifications of unintentional usage.
- B. Use tags to organize the resource
- C. Activate cost allocation tags to track AWS costs on a detailed level.
- D. Create Amazon CloudWatch dashboards to visually organize and track costs individually.
- E. Access the AWS Billing and Cost Management dashboard to organize and track resource consumption on a detailed level.

Answer: A

NEW QUESTION 323

- (Exam Topic 3)

Which AWS service can a company use to analyze and debug performance issues of an AWS Lambda function?

- A. Amazon Inspector
- B. Amazon Detective
- C. AWS CodeStar
- D. AWS X-Ray

Answer: D

Explanation:

<https://docs.aws.amazon.com/lambda/latest/operatorguide/general-approach.html>

NEW QUESTION 328

- (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 333

- (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 336

- (Exam Topic 3)

What is a benefit of using AWS serverless computing?

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

Answer: A

NEW QUESTION 341

- (Exam Topic 3)

A company wants to continuously improve processes and procedures to deliver business value. Which pillar of the AWS Well-Architected Framework does this goal represent?

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

Answer: B

Explanation:

<https://aws.amazon.com/blogs/apn/the-6-pillars-of-the-aws-well-architected-framework/#:~:text=1.,Operational>

NEW QUESTION 345

- (Exam Topic 3)

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

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

- A. AWS IAM Identity Center (AWS Single Sign-On)
- B. AWS Signer
- C. Amazon Cognito
- D. AWS Directory Service

Answer: C

NEW QUESTION 350

- (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 353

- (Exam Topic 3)

A company has an on-premises application. The application has process times of less than 5 minutes and is involved only a few times each day. The company wants to move the application to the AWS Cloud.

Which AWS service will support this application MOST cost-effectively?

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

Answer: C

NEW QUESTION 357

- (Exam Topic 3)

A company wants to build an application that uses AWS Lambda to run Python code.

Under the AWS shared responsibility model, which tasks will be the company's responsibility? (Select TWO.)

- A. Management of the underlying infrastructure.
- B. Management of the operating system.
- C. Writing the business logic code.
- D. Installation of the computer language runtime.
- E. Providing AWS Identity and Access Management (IAM) access to the Lambda service.

Answer: CE

NEW QUESTION 358

- (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 362

- (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 366

- (Exam Topic 3)

Which of the following are characteristics of AWS Regions and Availability Zones? (Select TWO.)

- A. Regions bring AWS services to on-premises facilities.
- B. Regions consist of multiple Availability Zones.
- C. An Availability Zone contains several Regions.
- D. Regions are within 100 km (60 miles) of each other.
- E. Regions are located around the world.

Answer: B

NEW QUESTION 367

- (Exam Topic 3)

Which AWS service should a company use to provision, manage, and deploy SSL/TLS certificates?

- A. AWS Secrets Manager
- B. Amazon Inspector
- C. AWS CodeDeploy
- D. AWS Certificate Manager (ACM)

Answer: D

NEW QUESTION 369

- (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 374

- (Exam Topic 3)

A company wants to run its applications in the AWS Cloud. The company does not have enough staff to maintain and protect its critical business applications.

Which AWS service should the company use to perform these tasks?

- A. AWS Shield
- B. Amazon RDS
- C. AWSConfig
- D. AWS Managed Services (AMS)

Answer: C

NEW QUESTION 376

- (Exam Topic 3)

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

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

Answer:

D

NEW QUESTION 378

- (Exam Topic 3)

A company wants to use an Amazon EC2 instance that has a pre-installed third-party firewall. Which AWS service or feature can provide this solution?

- A. Security groups
- B. AWS Marketplace
- C. AWS Systems Manager
- D. AWS Certificate Manager (ACM)

Answer: B

NEW QUESTION 380

- (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 381

- (Exam Topic 3)

A company wants to update its online data processing application by implementing container-based services that run for 4hours at a time. The company does not want to provision or manage server instance.

Which AWS service will meet these requirements?

- A. AWS Lambda
- B. AWS Fargate
- C. Amazon EC2
- D. AWS Elastic Beanstalk

Answer: B

NEW QUESTION 382

- (Exam Topic 3)

What is a characteristic of Convertible Reserved Instances (RIs)?

- A. Users can exchange Convertible RIs for other Convertible RIs from a different instance family.
- B. Users can exchange Convertible RIs for other Convertible RIs in different AWS Regions.
- C. Users can sell and buy Convertible RIs on the AWS Marketplace.
- D. Users can shorten the term of their Convertible RIs by merging them with other Convertible RIs.

Answer: A

NEW QUESTION 386

- (Exam Topic 3)

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

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

Answer: AE

NEW QUESTION 391

- (Exam Topic 3)

How does the AWS Cloud help companies build agility into their processes and cloud infrastructure?

- A. Companies can avoid provisioning too much capacity when they do not know how much capacity is required.
- B. Companies can expand into new geographic regions.
- C. Companies can access a range of technologies to experiment and innovate quickly.
- D. Companies can pay for IT resources only when they use the resources.

Answer: C

NEW QUESTION 394

- (Exam Topic 3)

A company is defining its AWS multi-account strategy. The company needs to control access to AWS services and needs to consolidate billing across accounts. Which AWS service should the company use to meet these requirements?

- A. AWS Organizations
- B. AWS Identity and Access Management (IAM)
- C. AWS Billing and Cost Management
- D. Amazon Cognito

Answer: A

NEW QUESTION 396

- (Exam Topic 3)

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

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

Answer: D

NEW QUESTION 399

- (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 404

- (Exam Topic 3)

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

Which AWS service is designated to meet these requirements?

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

Answer: A

NEW QUESTION 408

- (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 410

- (Exam Topic 3)

Which design principles are enabled by the AWS Cloud to improve the operation of workloads? (Choose two.)

- A. Minimize upfront design
- B. Loose coupling
- C. Disposable resources
- D. Server design and concurrency
- E. Minimal viable product

Answer: BD

NEW QUESTION 415

- (Exam Topic 3)

A company needs to manage multiple login across AWS accounts within the same organization in AWS Organizations.

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

- A. Amazon VPC
- B. Amazon GuardDuty
- C. Amazon Cognito

D. AWS IAM Identify Center (AWS Single Sign-on)

Answer: D

NEW QUESTION 416

- (Exam Topic 3)

A company has multiple departments. The company must charge each department for its exact AWS Cloud usage, including data transfer costs. How can the company determine these costs by department?

- A. Use one AWS account for each department.
- B. Use cost allocation tags on services that are used the most often.
- C. Use AWS Trusted Advisor.
- D. Use Savings Plans.

Answer: A

NEW QUESTION 418

- (Exam Topic 3)

Which statements represent the cost-effectiveness of the AWS Cloud? (Choose two.)

- A. Users can trade fixed expenses for variable expenses.
- B. Users can deploy all over the world in minutes.
- C. AWS offers increased speed and agility.
- D. AWS is responsible for patching the infrastructure.
- E. Users benefit from economies of scale.

Answer: AE

NEW QUESTION 423

- (Exam Topic 3)

A company wants to build an application that consists entirely of microservices. Which AWS Cloud architecture design principle supports this goal?

- A. Think parallel
- B. Implement elasticity
- C. Stop guessing capacity
- D. Decouple components

Answer: D

NEW QUESTION 428

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