Amazon-Web-Services

Exam Questions CLF-C02

AWS Certified Cloud Practitioner

NEW QUESTION 1
- (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 2
- (Exam Topic 1)
A company wants to improve the overall availability and performance of its applications that are hosted on AWS.
Which AWS service should the company use?

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

Answer: C

NEW QUESTION 3
- (Exam Topic 1)
A company wants to expand from one AWS Region into a second AWS Region. What does the company need to do to expand into the second Region?

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

Answer: C

NEW QUESTION 4
- (Exam Topic 1)
Which of the following are AWS compute services? (Select TWO.)

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

Answer: AD

Explanation:
Amazon Lightsail is designed to be the easiest way to launch and manage a virtual private server with AWS. Lightsail plans include everything you need to jumpstart your project – a virtual machine, SSD-based storage, data transfer, DNS management, and a static IP address – for a low, predictable price.
AWS Batch enables developers, scientists, and engineers to easily and efficiently run hundreds of thousands of batch computing jobs on AWS. AWS Batch dynamically provisions the optimal quantity and type of compute resources (e.g., CPU or memory-optimized instances) based on the volume and specific resource requirements of the batch jobs submitted. With AWS Batch, there is no need to install and manage batch computing software or server clusters that you use to run your jobs, allowing you to focus on analyzing results and solving problems. AWS Batch plans, schedules, and runs your batch computing workloads across the full range of AWS compute services and features, such as Amazon EC2 and Spot Instances.

NEW QUESTION 5
- (Exam Topic 1)
Which AWS service or tool lists all the users in an account and reports on the status of account details, including passwords, access keys, and multi-factor authentication (MFA) devices?

A. WS Shield
B. AWS Trusted Advisor
C. Amazon Inspector
D. IAM credential report

Answer: D

Explanation:
You can generate and download a credential report
that lists all users in your account and the status of their
various credentials, including passwords, access keys, and MFA devices. You can get a credential report from the AWS Management Console, the AWS SDKs and Command Line Tools , or the IAM API.

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)
Which pillar of the AWS Well-Architected Framework includes the continual improvement of processes and procedures as a priority?

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

Answer: C

NEW QUESTION 9
- (Exam Topic 1)
Which of the following is a way to use Amazon EC2 Auto Scaling groups to scale capacity in the AWS Cloud?

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

Answer: A

NEW QUESTION 10
- (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 10
- (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 15
- (Exam Topic 1)
Which of the following is an AWS Well-Architected Framework design principle for operational excellence in the AWS Cloud?

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

Answer: B

Explanation:
Table Description automatically generated

Name	Description
Operational Excellence	The ability to support development and run workloads effectively, gain insight into their operations, and to continuously improve supporting processes and procedures to deliver business value.
Security	The security pillar describes how to take advantage of cloud technologies to protect data, systems, and assets in a way that can improve your security posture.
Reliability	The reliability pillar encompasses the ability of a workload to perform its intended function correctly and consistently when it's expected to. This includes the ability to operate and test the workload through its total lifecycle. This paper provides in-depth, best practice guidance for implementing reliable workloads on AWS.
Performance Efficiency	The ability to use computing resources efficiently to meet system requirements, and to maintain that efficiency as demand changes and technologies evolve.
Cost Optimization	The ability to run systems to deliver business value at the lowest price point.
Sustainability	The ability to continually improve sustainability impacts by reducing energy consumption and increasing efficiency across all components of a workload by maximizing the benefits from the provisioned resources and minimizing the total resources required.

NEW QUESTION 19
- (Exam Topic 1)
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 23
- (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 25
- (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 28
- (Exam Topic 1)

Which Reserved Instance (RI) provides the HIGHEST average cost savings compared to an On-Demand Instance?

A. 1-yea
B. No Upfron
C. Standard RI
D. 1-yea
E. All Upfron
F. Convertible RI
G. 3-yea
H. All Upfront, Standard RI
I. 3-yea
J. No Upfron
K. Convertible RI

Answer: C

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

NEW QUESTION 30
- (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 34
- (Exam Topic 1)
Which AWS service keeps track of SSL/TLS certificates, creates new certificates, and processes renewals?

A. AWS Identity and Access Management (1AM)
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 36
- (Exam Topic 1)
Which AWS service provides alerts when an AWS event may impact a company's AWS resources?

A. AWS Personal Health Dashboard
B. AWS Service Health Dashboard
C. AWS Trusted Advisor
D. AWS Infrastructure Event Management

Answer: C

NEW QUESTION 39
- (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 41
- (Exam Topic 1)
Which AWS service is a relational database compatible with MySQL and PostgreSQL?

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

Answer: C

NEW QUESTION 44
- (Exam Topic 1)
A company needs to process data from satellite communications without managing any infrastructure. Which AWS service should the company use to meet these requirements?

A. Amazon CloudWatch
B. Amazon Aurora
C. Amazon Athena
D. AWS Ground Station

Answer: D

Explanation:
AWS Ground Station is a fully managed service that lets you control satellite communications, process data, and scale your operations without having to worry about building or managing your own ground station infrastructure. Satellites are used for a wide variety of use cases, including weather forecasting, surface imaging, communications, and video broadcasts. Ground stations form the core of global satellite networks. With AWS Ground Station, you have direct access to AWS services and the AWS Global Infrastructure including a low-latency global fiber network. For example, you can use Amazon S3 to store the downloaded data, Amazon Kinesis Data Streams for managing data ingestion from satellites, and Amazon SageMaker for building custom machine learning applications that apply to your data sets. You can save up to 80% on the cost of your ground station operations by paying only for the actual antenna time used, and relying on the global footprint of ground stations to download data when and where you need it. There are no long-term commitments, and you gain the ability to rapidly scale your satellite communications on-demand when your business needs it.

NEW QUESTION 48
- (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 52
- (Exam Topic 1)
Which AWS service or feature enables users to block the incoming or outgoing traffic associated with specific IP addresses flowing through a VPC?

A. Network ACLs
B. Security groups
C. AWS Identity and Access Management (1AM)
D. AWS WAF

Answer: D

Explanation:
To allow or block specific IP addresses for your EC2 instances, usneeatwork Access Control List (ACL) or
security group rules in your VPC. Network ACLs and security group rules act as firewalls allowing or
blocking IP addresses from accessing your resources

NEW QUESTION 57
- (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 60
- (Exam Topic 1)
A company is moving its office and must establish an encrypted connection to AWS. Which AWS service will help meet this requirement?

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

Answer: A

NEW QUESTION 62
- (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 64
- (Exam Topic 1)
A retail company is building a new mobile app. The company is evaluating whether to build the app at an
on-premises data center or in the AWS Cloud. Which of the following are benefits of building this app in the AWS Cloud? (Select TWO.)

A. A large, upfront capital expense and low variable expenses
B. Increased speed for trying out new projects
C. Complete control over the physical security of the infrastructure
D. Flexibility to scale up in minutes as the application becomes popular
E. Ability to pick the specific data centers that will host the application servers

Answer: AD

NEW QUESTION 68
- (Exam Topic 2)
A company is running a Microsoft SOL Server instance on premises and is migrating its application to AWS. The company lacks the resources needed to refactor the application but management wants to reduce operational overhead as part of the migration.
Which database service would MOST effectively support these requirements?

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

Answer: D

NEW QUESTION 70
- (Exam Topic 2)
A company wants to provide managed Windows virtual desktops and applications to its remote employees over secure network connections.
When AWS services can the company use to meet the requirements? (Select TWO.)

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

Answer: CD

NEW QUESTION 75
- (Exam Topic 2)
Which component of the AWS global infrastructure does Amazon CloudFront use to deliver content to end users with low latency?

A. Edge locations
B. AWS Regions
C. Availability Zones
D. AWS Direct Connect connections

Answer: A

NEW QUESTION 78
- (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 79
- (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 81
- (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 (1AM)
C. AWS Artifact
D. AWS Certificate Manager (ACM)

Answer: C

NEW QUESTION 83
- (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 87
- (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 92
- (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 97
- (Exam Topic 2)
Which of the following can be used to identity a specific user who slopped an Amazon EC2 instance?

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

Answer: A

NEW QUESTION 102
- (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 106
- (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 107
- (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 110
- (Exam Topic 2)
A company puns 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 men 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 Afferent VPC for each business unit then Mar by unit using an AWS Cost and Usage Report

Answer: C

NEW QUESTION 111
- (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 116
- (Exam Topic 2)
A company uses AWS Direct Conned and wants to establish connectivity that spans VPCs across multiple AWS Regions. Which AWS service or feature should the company use to meet these requirements?

A. AWS Transit Gateway
B. AWS PrivateLink
C. Amazon Connect
D. Amazon Route 53

Answer: B

NEW QUESTION 117
- (Exam Topic 2)
A company is running multiple workloads in the AWS Cloud and recently began investigating ways to reduce costs. The company is already running fault-tolerant workloads on Amazon EC2 that perform periodic checkpoints in case of an outage.
Which AWS service or pricing model can provide the GREATEST cost savings?

A. Capacity Reservations
B. Amazon Lightsail
C. Spot Instances

D. Dedicated Hosts

Answer: A

NEW QUESTION 121
- (Exam Topic 2)
A user has an AWS account with a Business-level AWS Support plan and needs assistance with handling a production service disruption. Which action should the user take?

A. Contact the dedicated AWS technical account manager (TAM).
B. Contact the dedicated AWS Concierge Support team.
C. Open a business-critical system down support case.
D. Open a production system down support case.

Answer: C

NEW QUESTION 124
- (Exam Topic 2)
A company recently mutated 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 lo achieve this goal?

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

Answer: B

NEW QUESTION 127
- (Exam Topic 2)
Management at a large company wants to avoid long-term contracts and is interested in AWS to move from fixed costs to variable costs. What is the value proposition of AWS for this company?

A. Economy of scale
B. Pay-as-you-go pricing
C. Volume discounts
D. Cost optimization

Answer: B

NEW QUESTION 131
- (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 133
- (Exam Topic 2)
Which design principles of the AWS Well-Architected Framework help increase reliability? (Select TWO.)

A. Automatically recover from failure.
B. Enable traceability.
C. Scale horizontally to increase workload availability.
D. Automate security best practices.
E. Keep people away from data.

Answer: AC

Explanation:
Reliability
The Reliability pillar encompasses the ability of a workload to perform its intended function correctly and consistently when it's expected to. This includes the ability to operate and test the workload through its total lifecycle. You can find prescriptive guidance on implementation in the Reliability Pillar whitepaper.
Design Principles
There are five design principles for reliability in the cloud:
➣ Automatically recover from failure
➣ Test recovery procedures
➣ Scale horizontally to increase aggregate workload availability
➣ Stop guessing capacity
➣ Manage change in automation
https://aws.amazon.com/blogs/apn/the-6-pillars-of-the-aws-well-architected-framework/

NEW QUESTION 138
- (Exam Topic 2)
Which AWS services are delivered globally instead of regionally? (Select TWO.)

A. Amazon EC2
B. Amazon CloudFront
C. Amazon Route 53
D. Amazon VPC
E. Amazon RDS

Answer: BC

NEW QUESTION 141
- (Exam Topic 2)
Which AWS service tool or feature helps companies reduce costs by identifying underutilized Amazon EC2 instances?

A. Amazon Inspector
B. AWS Trusted Advisor
C. Consolidated billing
D. Cost Explorer

Answer: D

NEW QUESTION 144
- (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 146
- (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 147
- (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 150
- (Exam Topic 2)
A company moves a workload to AWS lo run on Amazon EC2 instances. The company needs to run the workload in the most cost-effective way.
What can the company do lo meet this requirement?

A. Use AWS Key Management Sen/ice (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 154
- (Exam Topic 2)
Which AWS service is a fully hosted version control service?

A. AWS CodeCommit
B. AWS CodeBuild
C. AWS CodeDeploy
D. AWS CodeStar

Answer: B

Explanation:
CodeCommit is a secure, highly scalable, managed source control service that hosts private Git repositories. CodeCommit eliminates the need for you to manage your own source control system or worry about scaling its infrastructure. You can use CodeCommit to store anything from code to binaries. It supports the standard functionality of Git, so it works seamlessly with your existing Git-based tools.

NEW QUESTION 157
- (Exam Topic 2)
A company wants to offer direct phone and chat channels for customer service. The company needs a pay-as-you-go solution that remote customer service agents can use to create and manage voice and chat contact flows.
Which AWS service will meet these requirements?

A. Amazon EventBridge (Amazon CloudWatch Events)
B. Amazon Connect
C. Amazon Cognito
D. AWS Direct Connect

Answer: B

NEW QUESTION 159
- (Exam Topic 2)
A company wants to accelerate migration from its data center to the AWS Cloud.
Which combination of AWS services should the company use to meet this requirement? (Select TWO.)

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

Answer: BC

NEW QUESTION 164
- (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 167
- (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 more hardware from their data center to the AWS Cloud.

Answer: AD

NEW QUESTION 170
- (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 171
- (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 175
- (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 177
- (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 182
- (Exam Topic 3)
Which AWS service, feature, or tool helps visualize the pattern of AWS spending?

A. Cost Explorer
B. Amazon DevPay
C. AWS CloudTrail
D. Consolidated billing

Answer: A

NEW QUESTION 183
- (Exam Topic 3)
A company is developing a new web application. The company must give users the ability to log in to the application through social identity providers.
Which AWS service will meet these requirements?

A. AWS Directory Service
B. Amazon Cognito
C. AWS identity and Access management (IAM)
D. AWS Single Sign-On

Answer: D

NEW QUESTION 187
- (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 188
- (Exam Topic 3)
Which AWS service gives a company the ability to use a private, dedicated connection between a VPC and an on-premises data center?

A. AWS Direct Connect
B. Amazon API Gateway
C. AWS Systems Manager
D. AWS CloudFormation

Answer: C

NEW QUESTION 192
- (Exam Topic 3)
Which AWS service provides recommendations to help users optimize costs and follow AWS best practices?

A. AWS Trusted Advisor
B. AWS Service Catalog
C. AWS Ground Station
D. Amazon GuardDuty

Answer: A

Explanation:
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

NEW QUESTION 196
- (Exam Topic 3)
Which component of the AWS global infrastructure provides low-latency access to content in multiple geographic areas by storing copies of data close to end users?

A. AWS Regions
B. Availability Zones
C. Local Zones
D. Edge locations

Answer: C

Explanation:
AWS Local Zones allow you to use select AWS services, like compute and storage services, closer to more end-users, providing them very low latency access to the applications running locally.

NEW QUESTION 198
- (Exam Topic 3)
A company has migrated its workload to AWS. The company wants to forecast the workload's costs for each quarter for the next year. Which AWS service or tool provides this functionality?

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

Answer: C

NEW QUESTION 200
- (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 203

- (Exam Topic 3)
What is the MOST secure way to store passwords on AWS?

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

Answer: D

NEW QUESTION 206
- (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 210
- (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 212
- (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 216
- (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 219
- (Exam Topic 3)
A company is building AWS architecture to deliver real-time data feeds from an on-premises data center into an application that runs on AWS. The company needs a consistent network connection with minimal latency.
What should the company use to connect the application and the data center to meet these requirements?

A. AWS Direct Connect
B. Public internet
C. AWS VPN
D. Amazon Connect

Answer: D

NEW QUESTION 220
- (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 223
- (Exam Topic 3)
A company wants to migrate its Microsoft SQL Server database management system from on premises to the AWS Cloud. Which AWS service should the company use to reduce management overhead for this environment?

A. Amazon Elastic Container Service (Amazon ECS)
B. Amazon SageMaker
C. Amazon RDS
D. Amazon Athena

Answer: B

NEW QUESTION 225
- (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 229
- (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 232
- (Exam Topic 3)
Which AWS service or feature can a company use to create a private, secured, and scalable network environment in the AWS Cloud?

A. Amazon Elastic Container Service (Amazon ECS)
B. Amazon S3
C. Amazon VPC
D. Route tables

Answer: C

NEW QUESTION 233
- (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 238
- (Exam Topic 3)
A company does not want to rely on elaborate forecasting to determine its usage of compute resources. Instead, the company wants to pay only for the resources that it uses. The company also needs the ability to increase or decrease its resource usage to meet business requirements.
Which pillar of the AWS Well-Architected Framework aligns with these requirements?

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

Answer:

D

Explanation:
Reliability Scale horizontally to increase aggregate workload availability: Replace one large resource with multiple small resources to reduce the impact of a single failure on the overall workload. Distribute requests across multiple, smaller resources to ensure that they don't share a common point of failure. Stop guessing capacity: A common cause of failure in on-premises workloads is resource saturation, when the demands placed on a workload exceed the capacity of that workload (this is often the objective of denial of service attacks).

NEW QUESTION 242
- (Exam Topic 3)
Which AWS services can a company use to achieve a loosely coupled architecture? (Select TWO.)

A. Amazon Workspaces
B. Amazon Simple Queue Service (Amazon SQS.)
C. Amazon Connect
D. AWS Trusted Advisor
E. AWS Step Functions

Answer: BE

NEW QUESTION 245
- (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 250
- (Exam Topic 3)
Which AWS services or features can a company use lo connect the network of its on-premises data center to AWS? (Select TWO.)

A. AWS VPN
B. AWS Directory Service
C. AWS Data Pipeline
D. AWS Direct Connect
E. AWS CloudHSM

Answer: AD

NEW QUESTION 253
- (Exam Topic 3)
A company's headquarters is located on a different continent from where the majority of the company's customers live. The company wants an AWS Cloud environment setup that will provide the lowest latency to the customers.
Which solution will provide the LOWEST network latency between the AWS resources and the customers?

A. Place the resources in the AWS Region that is closest to the company's headquarter
B. Move the resources to the Availability Zone that is closest to the customers.
C. Place all workloads in the AWS Region that is closest to the company's headquarters.
D. Place all workloads in the AWS Region that is closest to the majority of customers.
E. Place the resources in AWS edge locations that are closest to the company's headquarters.

Answer: C

NEW QUESTION 255
- (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 258
- (Exam Topic 3)
A company is moving its on-premises key-value database to the AWS Cloud Which AWS service will support this use case?

A. Amazon RDS
B. Amazon ElastiCache

C. Amazon DynamoDB
D. Amazon Redshift

Answer: C

NEW QUESTION 260
- (Exam Topic 3)
Which tasks responsibilities of the customer, according to the AWS shared responsibility model? (Select TWO.)

A. Secure the virtualization layer.
B. Encrypt data and maintain data integrity.
C. Patch the Amazon RDS operating system.
D. Maintain identity and access management controls.
E. Secure Availability Zones.

Answer: BD

NEW QUESTION 261
- (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 264
- (Exam Topic 3)
A company is launching a new application in the AWS Cloud. The application will run on an Amazon EC2 instance. More EC2 instances will be needed when the workload increases.
Which AWS service or tool can the company use to launch the number of EC2 instances that will be needed to handle the workload?

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

Answer: B

Explanation:
Amazon EC2 Auto Scaling is an AWS feature that automatically optimizes the number of EC2 instances (by scaling up or scaling down) available to your workloads or app based on workloads' performance and
pre-defined conditions. Your team firstly creates Auto Scaling Groups, which comprises EC2 instances.

NEW QUESTION 267
- (Exam Topic 3)
Where can AWS users review answers to frequently asked questions about security in the AWS Cloud?

A. AWS Trusted Advisor
B. AWS Knowledge Center
C. AWS Support Center
D. AWS Artifact

Answer: B

Explanation:
https://aws.amazon.com/premiumsupport/knowledge-center/

NEW QUESTION 272
- (Exam Topic 3)
Why is an AWS Well-Architected review a critical part of the cloud design process?

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

Answer: B

NEW QUESTION 274
- (Exam Topic 3)
Which of the following are pillars of the AWS Well-Architected Framework? (Select TWO.)

A. Resource scalability
B. Performance efficiency
C. System elasticity
D. Agile development
E. Operational excellence

Answer: BE

Explanation:
Creating a software system is a lot like constructing a building. If the foundation is not solid, structural problems can undermine the integrity and function of the building. When architecting technology solutions, if you neglect the six pillars of operational excellence, security, reliability, performance efficiency, cost optimization, and sustainability, it can become challenging to build a system that delivers on your expectations and requirements. Incorporating these pillars into your architecture will help you produce stable and efficient systems. This will allow you to focus on the other aspects of design, such as functional requirements.
Pillars
Operational excellence Security
Reliability Performance efficiency Cost optimization Sustainability

NEW QUESTION 275
- (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 277
- (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 280
- (Exam Topic 3)
An application runs on multiple Amazon EC2 instances that access a shared file system simultaneously. Which AWS storage service should be used?

A. Amazon EBS
B. Amazon EFS
C. Amazon S3
D. AWS Artifact

Answer: B

Explanation:
Amazon EFS provides secure access for thousands of connections for Amazon EC2 instances and on-premises servers, as well as AWS compute services, including ECS, EKS, AWS Fargate, and AWS Lambda, simultaneously using a traditional file permissions model, file locking capabilities, and hierarchical directory structure via the NFSv4 protocol. Amazon EC2 instances can access your file system across AZs, regions, and VPCs, while on-premises servers can access using AWS Direct Connect or AWS VPN.

NEW QUESTION 283
- (Exam Topic 3)
An application that is hosted on Amazon EC2 has a steady and consistent workload. The application will operate for at least 1 year. What is the MOST cost-effective instance purchasing option to meet these requirements?

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

Answer: B

Explanation:
https://blogs.vmware.com/cloudhealth/aws-reserved-instances-vs-on-demand/#:~:text=The%20difference%20be

NEW QUESTION 285

- (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 286
- (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 291
- (Exam Topic 3)
Using Amazon Elastic Container Service (Amazon ECS) to break down a monolithic architecture into microservices is an example of:

A. a loosely coupled architecture.
B. a tightly coupled architecture.
C. a stateless architecture.
D. a stateful architecture.

Answer: A

NEW QUESTION 295
- (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 297
- (Exam Topic 3)
A company plans to host its data warehouse application on AWS. The company has a machine learning (ML) model and wants to use that model within its data warehouse for data forecasting.
Which AWS service will meet these requirements?

A. Amazon DynamoDB
B. Amazon Redshift ML
C. Amazon Aurora ML
D. Amazon MemoryDB for Radis

Answer: B

NEW QUESTION 301
- (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 306
- (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 307
- (Exam Topic 3)
A company wants its Amazon EC2 instances to provide a low-latency static website to global users. What should the company do to meet this requirement?

A. Use the EC2 instances in multiple edge locations.
B. Use an Application Load Balancer with the EC2 instances configured as the target.
C. Use the EC2 instances in the same Availability Zone but in different AWS Regions.
D. Use Amazon CloudFront with the EC2 instances configured as the source.

Answer: C

NEW QUESTION 309
- (Exam Topic 3)
A company suspects that its AWS resources are being used for illegal activities. Which AWS group or team should the company notify?

A. AWS Abuse team
B. AWS Support team
C. AWS technical account managers
D. AWS Professional Services team

Answer: A

Explanation:
"If you suspect that AWS resources are used for abusive purposes, contact the AWS Trust & Safety team using the Report Amazon AWS abuse form, or by contacting abuse@amazonaws.com. Provide all the necessary information, including logs in plaintext, email headers, and so on, when you submit your request. Note: AWS Support can't assist with reports of abuse or questions about notifications from the AWS Trust & Safety team. If you have questions for the AWS Trust & Safety team, reply directly to their email.

NEW QUESTION 312
- (Exam Topic 3)
Which AWS services or features provide disaster recovery solutions for Amazon EC2 instances? (Select TWO.)

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

Answer: BC

Explanation:
https://docs.aws.amazon.com/whitepapers/latest/disaster-recovery-workloads-on-aws/disaster-recovery-options- You can back up Amazon EC2 instances used by your workload as Amazon Machine Images (AMIs). The AMI is created from snapshots of your instance's root volume and any other EBS volumes attached to your instance. You can use this AMI to launch a restored version of the EC2 instance

NEW QUESTION 313
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