Amazon-Web-Services

Exam Questions CLF-C01

AWS Certified Cloud Practitioner

NEW QUESTION 1
- (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 2
- (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 3
- (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 4
- (Exam Topic 3)
A company has an on-premises application. The application has process times of less than 5 minutes and is invoked 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 Kubemetes Service (Amazon EKS)
D. Amazon EC2

Answer: C

NEW QUESTION 5
- (Exam Topic 3)
A company wants to deploy a Docker application to the AWS Cloud. However, the company does not want to manage the underlying servers.
Which combination of AWS services should the company use to meet these requirements? (Select TWO)

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

Answer: AE

NEW QUESTION 6
- (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 7
- (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 8
- (Exam Topic 3)
Which AWS service is a cloud security posture management (CSPM) service that aggregates alerts from various AWS services and partner products in a standardized format?

A. AWS Security Hub
B. AWS Trusted Advisor
C. Amazon EventBridge
D. Amazon GuardDuty

Answer: A

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

NEW QUESTION 9
- (Exam Topic 3)
A company acquired another corporation. The company now has two AWS accounts.
Which AWS service or tool can the company use to consolidate the billing for these two accounts?

A. AWS Systems Manager
B. AWS Organizations
C. AWS License Manager
D. Cost Explorer

Answer: B

NEW QUESTION 10
- (Exam Topic 3)
A company needs to migrate all of its development teams to a cloud-based integrated development environment (IDE).
Which AWS service should the company use?

A. AWS CodeBuild
B. AWS Cloud9
C. AWS OpsWorks
D. AWS Cloud Development Kit (AWS CDK)

Answer: B

Explanation:
cloud-based integrated devWS Cloud9 is an integrated development environment, or IDE. The AWS Cloud9 IDE offers a rich code-editing experience with support for several programming languages and runtime debuggers, and a built-in terminal.elopment environment (IDE)
https://aws.amazon.com/es/cloud9/details/ AWS Cloud9 es un entorno de desarrollo integrado (IDE) basado en la nube que le permite escribir, ejecutar y depurar código desde cualquier equipo con tan solo un navegador.

NEW QUESTION 10
- (Exam Topic 3)
A company wants the ability to accommodate peak application usage without purchasing equipment for on-premises data centers.
Which AWS Cloud benefit is the company seeking?

A. High availability
B. Security
C. Reliability
D. Elasticity

Answer: D

NEW QUESTION 13
- (Exam Topic 3)
A company has a serverless application that includes an Amazon API Gateway API, an AWS Lambda function, and an Amazon DynamoDB database.
Which AWS service can the company use to trace user requests as they move through the application's components?

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

Answer: D

Explanation:
X- ray - https://aws.amazon.com/xray/ CloudTrail - audit
Cloudwatch - monitor
Inspector - vulnerability management X-Ray – tracing

NEW QUESTION 14
- (Exam Topic 3)
Which AWS services use cloud-native storage that provides replication across multiple Availability Zones by default? (Choose two.)

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

Answer: BE

NEW QUESTION 17
- (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 21
- (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 23
- (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 27
- (Exam Topic 3)
A developer needs to use a standardized template to create copies of a company's AWS architecture for development, test, and production environments. Which AWS service should the developer use to meet this requirement?

A. AWS Cloud Map
B. AWS CloudFormation
C. Amazon CloudFront
D. AWS CloudTrail

Answer: B

NEW QUESTION 31
- (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 32
- (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 36
- (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 38
- (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 42
- (Exam Topic 3)
Which AWS service or feature can a company use to apply security rules to a subnet for Amazon EC2 instances?

A. AWSWAF
B. AWS Shield
C. Network ACLs
D. Security groups

Answer: B

NEW QUESTION 43
- (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 45
- (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 50
- (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 51
- (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 53
- (Exam Topic 3)
Which design principle is achieved by following the reliability pillar of the AWS We 11-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 58
- (Exam Topic 3)
A company notices suspicious network activity against an application that is running on a fleet of Amazon EC2 instances The suspicious activity is coming from a single IP address
Which AWS service should the company use to block access from this IP address?

A. AWS Shield
B. AWS Config
C. Amazon GuardDuty
D. AWS WAF

Answer: D

Explanation:
AWS WAF is a web application firewall that lets you monitor the HTTP and HTTPS requests that are forwarded to your protected web application resources. You can protect the following resource types:
> Amazon CloudFront distribution
> Amazon API Gateway REST API
> Application Load Balancer
> AWS AppSync GraphQL API
> Amazon Cognito user pool
AWS WAF also lets you control access to your content. Based on conditions that you specify, such as the IP addresses that requests originate from or the values of query strings, your protected resource responds to requests either with the requested content, with an HTTP 403 status code (Forbidden), or with a custom response.
https://docs.aws.amazon.com/waf/latest/developerguide/what-is-aws-waf.html

NEW QUESTION 62
- (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 63
- (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 65
- (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 68
- (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 70
- (Exam Topic 3)
Which AWS benefit is demonstrated by on-demand technology services that enable companies to replace upfront fixed expenses with variable expenses?

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

Answer: C

NEW QUESTION 74
- (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 77
- (Exam Topic 3)
What is the security best practice concerning sensitive data stored in Amazon S3?

A. Enable cross-Region replication on the S3 bucket.
B. Enable S3 server-side encryption on the S3 bucket.
C. Configure AWS WAF to prevent unauthorized access to the S3 bucket.
D. Configure Amazon GuardDuty to prevent unauthorized access to the S3 bucket.

Answer: B

NEW QUESTION 80
- (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 84
- (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 85
- (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 90
- (Exam Topic 3)
Which AWS service helps users audit API activity across their AWS account?

A. AWS CloudTrail
B. Amazon Inspector
C. AWSWAF
D. AWS Config

Answer: A

NEW QUESTION 92
- (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 97
- (Exam Topic 3)
A company needs an AWS design solution for a distributed system. The system's components need to be set up so that one system component cannot negatively impact another component.
Which AWS architectural best practice will meet this requirement?

A. Use request throttling
B. Use a stateful service
C. Implement automatic data backups
D. Implement loose coupling

Answer: C

NEW QUESTION 100
- (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 CIoudHSM
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 103
- (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 106
- (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 108
- (Exam Topic 3)
Which AWS service can be used to decouple applications?

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

Answer: B

Explanation:
https://docs.aws.amazon.com/sqs/?id=docs_gateway
Amazon Simple Queue Service (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 moves data between distributed application components and helps you decouple these components.

NEW QUESTION 110
- (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 114
- (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 119
- (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 124
- (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 127
- (Exam Topic 3)
A company wants to integrate its online shopping website with social media login credentials. Which AWS service can the company use to make this integration?

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

Answer: C

NEW QUESTION 132
- (Exam Topic 2)
Which pillar of Vie AWS Well-Architected Framework is focused on the ability of a workload lo perform its intended function correctly and consistently at the expected time?

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

Answer: A

NEW QUESTION 137
- (Exam Topic 3)
Which of the following will help a user determine if they need to request a VPC service limit increase?

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

Answer: A

NEW QUESTION 138
- (Exam Topic 2)
Which task is the responsibility of the customer according to the AWS snared responsibility model?

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

Answer: D

NEW QUESTION 139
- (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 141
- (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 144
- (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 149
- (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 154
- (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 157
- (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 161
- (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 163
- (Exam Topic 2)
Which of the following is an advantage of AWS Cloud computing?

A. Trade security for elasticity
B. Trade operational excellence for agility
C. Trade fixed expenses for variable expenses
D. Trade elasticity for performance.

Answer: C

NEW QUESTION 164
- (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 169
- (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 174
- (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 176
- (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 178
- (Exam Topic 2)
A company stores several terabytes of data in an Amazon S3 bucket. The company needs to query the data by using standard SQL and does not want to set up infrastructure. Which AWS service should the company use to meet these. requirements?

A. Amazon RDS
B. Amazon Redshift
C. Amazon Athena
D. Amazon EC2

Answer: C

Explanation:
"Amazon Athena is an interactive query service that makes it easy to analyze data in Amazon S3 using standard SQL. Athena is serverless, so there is no infrastructure to setup or manage, and you can start analyzing data immediately."

NEW QUESTION 182
- (Exam Topic 2)
What is the MOST secure way lo store passwords on AWS?

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

Answer: D

NEW QUESTION 185
- (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 186
- (Exam Topic 2)
What are characteristics of AWS IAM users and groups? (Select TWO.)

A. Groups can be nested and can contain other groups.
B. A user can be a member of multiple groups
C. Groups can contain users only and cannot be nested
D. A user can only be a member of a single group at one time.
E. All new users are automatically added to a default group

Answer: BC

NEW QUESTION 190
- (Exam Topic 2)
A company needs a data warehouse for analytical workloads. The data warehouse must support standard SQL queries.
Which AWS service meets these requirements?

A. Amazon EMR
B. Amazon Athena
C. Amazon Redshift
D. Amazon HDS

Answer: C

NEW QUESTION 195
- (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 197
- (Exam Topic 2)
A company needs to use thud-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 201
- (Exam Topic 2)
Which AWS service or feature will search for and identify AWS resources that are stared externally?

A. Amazon OpenSearch Service (Amazon Elasticsearch Service)
B. AWS Control Tower
C. AWS IAM Access Analyzer
D. AWS Fargate

Answer: C

NEW QUESTION 206
- (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 210
- (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: C

NEW QUESTION 214
- (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 216
- (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 218
- (Exam Topic 2)
Which of the following is a component of the AWS Global infrastructure?

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

Answer: B

NEW QUESTION 219
- (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 224
- (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 225
- (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 226
- (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 228
- (Exam Topic 2)
A company runs a web application on Amazon EC2 instances. The application has consistent usage and is expected to run indefinitely. Which EC2 instance purchasing option will meet these requirements MOST cost-effectively?

A. 1-year All Upfront Reserved Instances
B. 1-year No Upfront Reserved Instances
C. 3-year All Upfront Reserved Instances
D. 3-year No Upfront Reserved Instances

Answer: C

NEW QUESTION 233
- (Exam Topic 2)
An ecommerce comply is using Amazon EC2 Auto Scaling groups to manage a fleet of web servers running on Amazon EC2. This architecture follows which AWS Well/architected Framework best practice?

A. Secure the workload
B. Decouple infrastructure components
C. Design for failure
D. Think parallel

Answer: C

NEW QUESTION 236
- (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 240
- (Exam Topic 2)
A company is running a workload on AWS. The company wants to protect the workload from DDoS attacks. When AWS service will meet these requirements?

A. AWS Identity and Access Management (IAM)
B. AWS Shield
C. Amazon VPC
D. AWS Artifact

Answer: B

NEW QUESTION 245
- (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 246
- (Exam Topic 2)
A system administrator notices that several Amazon EC2 instances nave been terminated. The system administrator needs to identity 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 248
- (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 251
- (Exam Topic 2)
A company wants to design its cloud architecture so that its workloads are resilient can consistently perform their intended functions correctly and can recover from failure quickly. Which pillar of the AWS
Well-Architected Framework does this architecture represent?

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

Answer: D

NEW QUESTION 255
- (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 257
- (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 262
- (Exam Topic 2)
A company needs to store code in a version control system. The company also needs to continually deploy updated code through a series of automated steps (build test package and deploy).
Which combination of AWS services will meet these requirements? (Select TWO.)

A. AWS CloudFormation
B. AWS CodeCommit
C. AWS Control Tower
D. AWS Elastic Beanstalk
E. AWS CodePipeline

Answer: BE

NEW QUESTION 265
- (Exam Topic 1)
A company needs to design an AWS disaster recovery plan to cover multiple geographic areas. Which action will meet this requirement?

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

Answer: C

NEW QUESTION 270
- (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 275
- (Exam Topic 1)
A company plans to create a data lake that uses Amazon S3. Which factor will have the MOST effect on cost?

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

Answer: B

NEW QUESTION 280
- (Exam Topic 1)
Which AWS service can be used to provide an on-demand, cloud-based contact center?

A. AWS Direct Connect
B. Amazon Connect
C. AWS Support Center
D. AWS Managed Services

Answer: B

Explanation:
https://aws.amazon.com/connect/

NEW QUESTION 285
- (Exam Topic 1)
Which controls are shared under the AWS shared responsibility model? (Select TWO.)

A. Awareness and training
B. Patching of Amazon RDS
C. Configuration management
D. Physical and environmental controls
E. Service and communications protection or security

Answer: AC

Explanation:
In the AWS shared security model, a shared control, AWS provides the requirements for the infrastructure and the customer must provide their own control implementation within their use of AWS services.
Examples of shared controls include:
*Patch Management – AWS is responsible for patching and fixing flaws within the infrastructure, but customers are responsible for patching their guest OS and applications.
*Configuration Management – AWS maintains the configuration of its infrastructure devices, but a customer is responsible for configuring their own guest operating systems, databases, and applications.
*Awareness & Training – AWS trains AWS employees, but a customer must train their own employees. Customer Specific – Controls which are solely the responsibility of the customer based on the application they are deploying within AWS services.
Examples of customer specific controls include:
*Service and Communications Protection or Zone Security which may require a customer to route or zone data within specific security environments.

NEW QUESTION 288
- (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 291
- (Exam Topic 1)
Which AWS services can use AWS WAF to protect against common web exploitations? (Select TWO.)

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

Answer: BE

Explanation:
AWS WAF can be deployed on Amazon CloudFront, the Application Load Balancer (ALB), Amazon API Gateway, and AWS AppSync. As part of Amazon CloudFront it can be part of your Content Distribution Network (CDN) protecting your resources and content at the Edge locations.

NEW QUESTION 292
- (Exam Topic 1)
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: D

Explanation:
Serverless computing allows you to build and run applications and services without thinking about servers. With serverless computing, your application still runs on servers, but all the server management is done by AWS.

NEW QUESTION 293
- (Exam Topic 1)
A company is running an Amazon EC2 instance in a VPC.
Which of the following can the company use to route and filter incoming network requests for the EC2 instance?

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

Answer: B

NEW QUESTION 294
- (Exam Topic 1)
A company needs to deploy an Amazon EC2 instance and attach a storage mount for the operating system and application files. Which AWS service will meet these requirements?

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

Answer: D

NEW QUESTION 295
- (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 purch asing 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 298
- (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 302
- (Exam Topic 1)
Which of the following are advantages of the AWS Cloud? (Select TWO.)

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

Answer: BD

NEW QUESTION 306
- (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 308
- (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: B

NEW QUESTION 309
- (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 310
- (Exam Topic 1)
A company manages global applications that require static IP addresses.
Which AWS service would enable the company to improve the availability and performance of its applications?

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

Answer: B

Explanation:
AWS Global Accelerator provides you with a set of static IP addresses that can map to multiple application endpoints across AWS Regions, to improve redundancy.

NEW QUESTION 313
- (Exam Topic 1)
What is the customer ALWAYS responsible for managing, according to the AWS shared responsibility model?

A. Software licenses
B. Networking
C. Customer data
D. Encryption keys

Answer: C

NEW QUESTION 318
- (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 320
- (Exam Topic 1)
An ecommerce company has migrated its IT infrastructure from an on-premises data center to the AWS Cloud. Which cost is the company's direct responsibility?

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

Answer: A

NEW QUESTION 324
- (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 327
- (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 332
- (Exam Topic 1)
Which AWS service offers threat detection and continuously monitors for malicious activity and unauthorized behavior in AWS accounts?

A. Amazon Made
B. AWS Config
C. Amazon GuardDuty
D. Amazon Inspector

Answer: C

NEW QUESTION 333
- (Exam Topic 1)
A company wants to secure its consumer web application by using SSL/TLS to encrypt traffic. Which AWS service can the company use to meet this goal?

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

Answer: D

Explanation:
To enable HTTPS connections to your website or application in AWS, you need an SSL/TLS server certificate. For certificates in a Region supported by AWS
Certificate Manager (ACM), we recommend that you use ACM to provision, manage, and deploy your server certificates.

NEW QUESTION 338
- (Exam Topic 1)
A web application is hosted on AWS using an Elastic Load Balancer, multiple Amazon EC2 instances, and Amazon RDS. Which security measures fall under the
responsibility of AWS? (Select TWO.)

A. Running a virus scan on EC2 instances
B. Protecting against IP spoofing and packet sniffing
C. Installing the latest security patches on the RDS instance
D. Encrypting communication between the EC2 instances and the Elastic Load Balancer
E. Configuring a security group and a network access control list (NACL) for EC2 instances

Answer: BC

NEW QUESTION 340
- (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 342
- (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 346
- (Exam Topic 1)
A company is running and managing its own Docker environment on Amazon EC2 instances. The company wants an alternative to help manage cluster size, scheduling, and environment maintenance.
Which AWS service meets these requirements?

A. AWS Lambda
B. Amazon RDS
C. AWS Fargate
D. Amazon Athena

Answer: C

NEW QUESTION 349
- (Exam Topic 1)
A company is undergoing a security audit. The audit includes security validation and compliance validation of the AWS infrastructure and services that the company uses. The auditor needs to locate compliance-related information and must download AWS security and compliance documents. These documents include the System and Organization Control (SOC) reports.
Which AWS service or group can provide these documents?

A. AWS Abuse team
B. AWS Artifact
C. AWS Support
D. AWS Config

Answer: B

Explanation:
• Portal that provides customers with on-demand access to AWS compliance documentation and AWS agreements • Artifact Reports - Allows you to download AWS security and compliance documents from
third-party auditors, like AWS ISO certifications, Payment Card Industry (PCI), and System and Organization
Control (SOC) reports • Artifact Agreements - Allows you to review, accept, and track the status of AWS agreements such as the Business Associate Addendum (BAA) or the Health Insurance Portability and
Accountability Act (HIPAA) for an individual account or in your organization • Can be used to support internal audit or compliance

NEW QUESTION 351
- (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 352
- (Exam Topic 1)
A company with AWS Enterprise Support needs help understanding its monthly AWS bill and wants to implement billing best practices. Which AWS tool or resource is available to accomplish these goals?

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

Answer: B

NEW QUESTION 354
- (Exam Topic 1)
A company has a global website with static content.
Which AWS service will deliver the static content with low latency?

A. AWS Lambda
B. Amazon CloudFront
C. Amazon EC2 Auto Scaling
D. AWS Compute Optimizer

Answer: B

NEW QUESTION 355
- (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 356
- (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 361
- (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 366
- (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 370
- (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 371
- (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 376
- (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 380
- (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 385
- (Exam Topic 1)
Which of the following are AWS best practice recommendations for the use of AWS Identity and Access Management (IAM)? (Select TWO.)

A. Use the AWS account root user for daily access.
B. Use access keys and secret access keys on Amazon EC2.
C. Rotate credentials on a regular basis.
D. Create a shared set of access keys for system administrators.
E. Configure multi-factor authentication (MFA).

Answer: CE

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 387
- (Exam Topic 1)
A company discovered unauthorized access to resources in its on-premises data center. Upon investigation, the company found that the requests originated from a resource hosted on AWS. Which AWS team should the company contact to report this issue?

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

Answer: D

NEW QUESTION 388
- (Exam Topic 1)
A company wants to use a template to reliably provision, manage, and update its infrastructure in the AWS Cloud. Which AWS service will meet these requirements?

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

Answer: B

NEW QUESTION 389
- (Exam Topic 1)
A system automatically recovers from failure when a company launches its workload on the AWS Cloud services platform. Which pillar of the AWS Well-Architected Framework does this situation demonstrate?

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

Answer: A

Explanation:
https://aws.amazon.com/blogs/apn/the-6-pillars-of-the-aws-well-architected-framework/
Built around six pillars—operational excellence, security, reliability, performance efficiency, cost optimization, and sustainability—AWS Well-Architected provides a consistent approach for customers and partners to evaluate architectures and implement scalable designs.
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.

NEW QUESTION 393
- (Exam Topic 1)
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: CE

NEW QUESTION 394
- (Exam Topic 1)
How does consolidated billing help reduce costs for a company that has multiple AWS accounts?

A. It aggregates usage across accounts so that the company can reach volume discount thresholds sooner.
B. It offers an additional 5% discount on purchases of All Upfront Reserved Instances.
C. It provides a simplified billing invoice that the company can process more quickly than a standard invoice.
D. It gives AWS resellers the ability to bill their customers for usage.

Answer: A

Explanation:
Consolidated billing for AWS Organizations
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. For more information about organizations, see the AWS Organizations User Guide.
Consolidated billing has the following benefits:
*One bill – You get one bill for multiple accounts.

*Easy tracking – You can track the charges across multiple accounts and download the combined cost and usage data.
*Combined usage – You can combine the usage across all accounts in the organization to share the volume pricing discounts, Reserved Instance discounts, and Savings Plans. This can result in a lower charge for your project, department, or company than with individual standalone accounts. For more information, see Volume discounts.
*No extra fee – Consolidated billing is offered at no additional cost. Note:
The member account bills are for informational purpose only. The management account might reallocate the additional volume discounts, Reserved Instance, or Savings Plans discounts that your account receives.
If you have access to the management account, you can see a combined view of the AWS charges that the member accounts incur. You also can get a cost report for each member account.
AWS and AISPL accounts can't be consolidated together. If your contact address is in India, you can use AWS Organizations to consolidate AISPL accounts within your organization.
Important
When a member account leaves an organization, the member account can no longer access Cost Explorer data that was generated when the account was in the organization. The data isn't deleted, and the management account in the organization can still access the data. If the member account rejoins the organization, the member account can access the data again.

NEW QUESTION 399
- (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 403
- (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 406
- (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 409
- (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 413
- (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 415
- (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 418
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