



Amazon-Web-Services

Exam Questions CLF-C02

AWS Certified Cloud Practitioner

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NEW QUESTION 1

- (Exam Topic 1)

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

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

Answer: A

Explanation:

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

NEW QUESTION 2

- (Exam Topic 1)

Which of the following are aspects of the AWS shared responsibility model? (Select TWO.)

- A. Configuration management of infrastructure devices is the customer's responsibility.
- B. For Amazon S3, AWS operates the infrastructure layer, the operating systems, and the platforms.
- C. AWS is responsible for protecting the physical cloud infrastructure.
- D. AWS is responsible for training the customer's employees on AWS products and services.
- E. For Amazon EC2, AWS is responsible for maintaining the guest operating system.

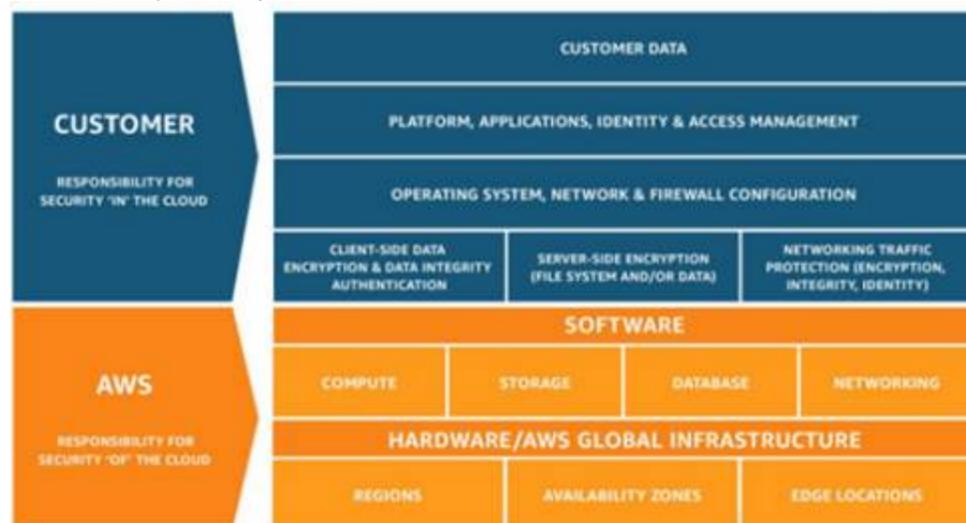
Answer: AC

Explanation:

AWS responsibility "Security of the Cloud" - AWS is responsible for protecting the infrastructure that runs all of the services offered in the AWS Cloud. This infrastructure is composed of the hardware, software, networking, and facilities that run AWS Cloud services.

Customer responsibility "Security in the Cloud" – Customer responsibility will be determined by the AWS Cloud services that a customer selects. This determines the amount of configuration work the customer must perform as part of their security responsibilities. For example, a service such as Amazon Elastic Compute Cloud (Amazon EC2) is categorized as Infrastructure as a Service (IaaS) and, as such, requires the customer to perform all of the necessary security configuration and management tasks. Customers that deploy an Amazon EC2 instance are responsible for management of the guest operating system (including updates and security patches), any application software or utilities installed by the customer on the instances, and the configuration of the AWS-provided firewall (called a security group) on each instance. For abstracted services, such as Amazon S3 and Amazon DynamoDB, AWS operates the infrastructure layer, the operating system, and platforms, and customers access the endpoints to store and retrieve data. Customers are responsible for managing their data (including encryption options), classifying their assets, and using IAM tools to apply the appropriate permissions.

Shared_Responsibility_Model_V2



NEW QUESTION 3

- (Exam Topic 1)

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

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

Answer: A

NEW QUESTION 4

- (Exam Topic 1)

A 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 5

- (Exam Topic 1)

Which AWS service offers threat detection and continuously monitors for malicious activity and unauthorized behavior in AWS accounts?

- A. Amazon Macie
- B. AWS Config
- C. Amazon GuardDuty
- D. Amazon Inspector

Answer: C

NEW QUESTION 6

- (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 7

- (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 8

- (Exam Topic 1)

Which tasks require use of the AWS account root user? (Select TWO.)

- A. Changing an AWS Support plan
- B. Modifying an Amazon EC2 instance type
- C. Grouping resources in AWS Systems Manager
- D. Running applications in Amazon Elastic Kubernetes Service (Amazon EKS)
- E. Closing an AWS account

Answer: AE

NEW QUESTION 9

- (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 10

- (Exam Topic 1)

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

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

Answer: B

NEW QUESTION 10

- (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 12

- (Exam Topic 1)

Which Amazon S3 feature or storage class uses the AWS backbone network and edge locations to reduce latencies from the end user to Amazon S3?

- A. S3 Cross-Region Replication
- B. S3 Transfer Acceleration
- C. S3 Event Notifications
- D. S3 Standard-Infrequent Access (S3 Standard-IA)

Answer: B

Explanation:

S3TA improves transfer performance by routing traffic through Amazon CloudFront's globally distributed Edge Locations and over AWS backbone networks, and by using network protocol optimizations.

NEW QUESTION 17

- (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 20

- (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 25

- (Exam Topic 1)

Which AWS service provides an isolated virtual network to connect AWS services and resources?

- A. Amazon EC2
- B. Amazon DynamoDB
- C. Amazon Lightsail
- D. Amazon VPC

Answer: D

Explanation:

Amazon Virtual Private Cloud (Amazon VPC) enables you to launch AWS resources into a virtual network that you've defined. This virtual network closely resembles a traditional network that you'd operate in your own data center, with the benefits of using the scalable infrastructure of AWS.

NEW QUESTION 30

- (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 34

- (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 35

- (Exam Topic 1)

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

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

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

Answer: C

NEW QUESTION 36

- (Exam Topic 1)

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

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

Answer: A

Explanation:

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

NEW QUESTION 37

- (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 42

- (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 43

- (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 48

- (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 53

- (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 54

- (Exam Topic 1)

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

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

Answer: BE

NEW QUESTION 55

- (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 57

- (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 59

- (Exam Topic 1)

A company needs an AWS Support plan that provides programmatic case management through the AWS Support API. Which support plan will meet this requirement MOST cost-effectively?

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

Answer: B

NEW QUESTION 62

- (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 64

- (Exam Topic 1)

A company is planning to build a workload in the AWS Cloud. The company needs to estimate the costs of the network, compute, storage, and database for the workload. Which AWS service or tool should the company use to generate this estimate?

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

Answer: D

Explanation:

To estimate a bill, use the AWS Pricing Calculator. Choose Create estimate, and then choose your planned resources by service.

NEW QUESTION 66

- (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 71

- (Exam Topic 1)

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

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

Answer: D

NEW QUESTION 74

- (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 78

- (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 82

- (Exam Topic 1)

Which task can a user complete by using AWS Identity and Access Management (IAM)?

- A. Validate JSON syntax from an application configuration file.
- B. Analyze logs from an Amazon API Gateway call.
- C. Filter traffic to or from an Amazon EC2 instance.
- D. Grant permissions to applications that run on Amazon EC2 instances.

Answer: D

Explanation:

AWS Identity and Access Management (IAM) is a web service for securely controlling access to AWS resources. It enables you to create and control services for user authentication or limit access to a certain set of people who use your AWS resources.

NEW QUESTION 84

- (Exam Topic 1)

Who can create and manage access keys for an AWS account root user?

- A. The AWS account owner
- B. An IAM user that has administrator permissions
- C. IAM users within a designated group
- D. An IAM user that has the required role

Answer: A

Explanation:

Anyone who has root user credentials for your AWS account has unrestricted access to all the resources in your account, including billing information. When you create access keys, you create the access key ID and secret access key as a set.

NEW QUESTION 85

- (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 89

- (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 94

- (Exam Topic 2)

A company is running a Microsoft SQL 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 95

- (Exam Topic 2)

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

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

Answer: B

NEW QUESTION 99

- (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 103

- (Exam Topic 2)

Which solution provides a fast, automated and repeatable method of deploying AWS Cloud infrastructure to multiple AWS Regions?

- A. Use AWS CodeStar to set up a continuous delivery toolchain for automated deployment
- B. Create and launch an Amazon EC2 Amazon Machine Image (AMI) containing the source code with built-in deployment hooks to launch other AWS services
- C. Create and use an AWS CloudFormation template
- D. Use AWS Systems Manager to automate management tasks such as creating Amazon EC2 Amazon Machine images (AMIs) and applying patches

Answer: C

NEW QUESTION 107

- (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 111

- (Exam Topic 2)

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

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

Answer: D

NEW QUESTION 114

- (Exam Topic 2)

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

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

Answer: D

NEW QUESTION 115

- (Exam Topic 2)

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

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

Answer: C

NEW QUESTION 118

- (Exam Topic 2)

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

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

Answer: D

NEW QUESTION 120

- (Exam Topic 2)

A company is running a regulated Linux-based application. The application must run every day from 8 AM until midnight. The application is critical and cannot be interrupted. Which Amazon EC2 instance purchasing option meets this requirement MOST cost-effectively?

- A. On-Demand Capacity Reservation with Savings Plan
- B. Spot instances
- C. Regional Reserved Instances
- D. Dedicated Hosts

Answer: A

NEW QUESTION 122

- (Exam Topic 2)

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

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

Answer:

C

NEW QUESTION 126

- (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 127

- (Exam Topic 2)

A company uses AWS Direct Connect 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 129

- (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 131

- (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 132

- (Exam Topic 2)

A company recently migrated to AWS and wants to enable intelligent threat protection and continuous monitoring across all of its AWS accounts. Which AWS service should the company use to achieve this goal?

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

Answer: B

NEW QUESTION 136

- (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 137

- (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 142

- (Exam Topic 2)

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

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

Answer: CE

NEW QUESTION 144

- (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 145

- (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 149

- (Exam Topic 2)

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

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

Answer: D

NEW QUESTION 151

- (Exam Topic 2)

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

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

Answer: B

NEW QUESTION 155

- (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 157

- (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 159

- (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 163

- (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 167

- (Exam Topic 2)

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

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

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

Answer: D

Explanation:

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

NEW QUESTION 169

- (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 171

- (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 175

- (Exam Topic 2)

A user needs the ability to access as many resources as are needed. The user also needs the ability to scale up and scale down with only a few minutes of notice. Which benefit of the AWS Cloud describes these abilities?

- A. Ratability
- B. Economy of scale
- C. Elasticity
- D. Pay-as-you-go pricing

Answer: C

NEW QUESTION 176

- (Exam Topic 2)

Which pillar of the AWS Well-Architected Framework refers to the ability of a system to recover from infrastructure or service disruptions and dynamically acquire computing resources to meet demand?

- A. Security
- B. Reliability
- C. Performance efficiency
- D. Cost optimization

Answer: B

NEW QUESTION 181

- (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 183

- (Exam Topic 2)

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

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

Answer: C

NEW QUESTION 188

- (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 191

- (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 194

- (Exam Topic 2)

A company needs a central user portal so that users can log in to third-party business applications that support Security Assertion Markup Language (SAML) 2.0. Which AWS service will meet this requirement?

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

Answer: B

NEW QUESTION 195

- (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 196

- (Exam Topic 3)

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

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

Answer: B

NEW QUESTION 199

- (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 203

- (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 208

- (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 212

- (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 214

- (Exam Topic 3)

A company wants its Amazon EC2 instance to share the same geographic area but use redundant underlying power sources. Which solution will meet these requirements?

- A. Use EC2 instance across multiple Availability Zones in the same AWS Region.
- B. Use Amazon CloudFront as the database for the EC2 instances.
- C. Use EC2 instances in the same edge location and the same Availability Zone.
- D. Use EC2 instances in AWS OpsWorks stacks in different AWS Regions.

Answer: A

NEW QUESTION 215

- (Exam Topic 3)

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

Which service should the company use?

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

Answer: D

NEW QUESTION 216

- (Exam Topic 3)

Which AWS benefit enables users to deploy cloud infrastructure that consists of multiple geographic regions connected by a network with low latency, high throughput, and redundancy?

- A. Economies of scale
- B. Security
- C. Elasticity
- D. Global reach

Answer: D

NEW QUESTION 219

- (Exam Topic 3)

Which AWS service or resource is serverless?

- A. AWS Snowball Edge
- B. Amazon EC2
- C. Amazon Elastic Kubernetes Service (Amazon EKS)
- D. Amazon API Gateway

Answer: D

NEW QUESTION 224

- (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 226

- (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 230

- (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 234

- (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 236

- (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 240

- (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 244

- (Exam Topic 3)

A company is running a critical workload on an Amazon RDS D8 instance. The company needs the DB instance to be highly available with a recovery time of less than 5 minutes. Which solution will meet these requirements?

- A. Create a read replica of the DB instance.
- B. Create a template of the DB instance by using AWS Cloud Formation.
- C. Take frequent snapshots of the DB instance.
- D. Store the snapshots in Amazon S3.
- E. Modify the DB instance to be a Multi-AZ deployment.

Answer: D

Explanation:

A Multi-AZ deployment of Amazon RDS automatically provisions and maintains a synchronous standby replica in a different availability zone (AZ) than the primary instance. In the event of a failure of the primary instance, the replica is promoted to be the new primary instance, and the recovery time is less than 5 minutes. This ensures high availability for the critical workload and meets the company's requirement for a recovery time of less than 5 minutes. Additionally, it also provides automatic failover and data replication, so in case of any disaster or unplanned outage you will have a fully-working DB instance up and running with minimal data loss.

Reference:

[1] <https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/Concepts.MultiAZ.html> [2] <https://aws.am>

NEW QUESTION 247

- (Exam Topic 3)

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

NEW QUESTION 248

- (Exam Topic 3)

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

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

Answer: D

NEW QUESTION 252

- (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 256

- (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 258

- (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 263

- (Exam Topic 3)

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

- A. AWS Budgets
- B. Amazon Forecast
- C. AWS Cost Explorer

D. AWS Pricing Calculator

Answer: C

Explanation:

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

NEW QUESTION 264

- (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 269

- (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 271

- (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 276

- (Exam Topic 3)

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

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

Answer: D

Explanation:

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

NEW QUESTION 277

- (Exam Topic 3)

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

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

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

Answer: B

NEW QUESTION 282

- (Exam Topic 3)

Which of the following is included within the security pillar of the AWS Well-Architected Framework?

- A. Identity federation
- B. Data protection
- C. Incident reporting
- D. Disaster recovery

Answer: B

NEW QUESTION 283

- (Exam Topic 3)

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

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

Answer: B

NEW QUESTION 287

- (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 290

- (Exam Topic 3)

A company needs to track the relationships among AWS resources. The company also needs to review resource dependencies before the company makes any changes to the resources.

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

- A. AWS Trusted Advisor
- B. AWS Confit
- C. AWS Resource Access Manager (AWS RAM)
- D. AWS System Manager

Answer: B

NEW QUESTION 291

- (Exam Topic 3)

A company needs to generate reports that can break down cloud costs by product, by company-defined tags, and by hour, day, and month.

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

- A. Reserved Instance utilization and coverage reports
- B. Savings Plans utilization reports
- C. AWS Budgets reports
- D. AWS Cost and Usage Reports

Answer: D

NEW QUESTION 296

- (Exam Topic 3)

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

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

Answer: B

Explanation:

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

NEW QUESTION 298

- (Exam Topic 3)

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

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

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

Answer: C

NEW QUESTION 302

- (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 304

- (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 308

- (Exam Topic 3)

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

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

Answer: BD

Explanation:

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

NEW QUESTION 313

- (Exam Topic 3)

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

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

Answer: A

NEW QUESTION 317

- (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 320

- (Exam Topic 3)

A company wants to run its applications in the AWS Cloud. The company does not have enough staff to maintain and protect its critical business applications. Which AWS service should the company use to perform these tasks?

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

Answer: C

NEW QUESTION 325

- (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 330

- (Exam Topic 3)

A company wants to run its workload on Amazon EC2 instances for more than 1 year. This workload will run continuously. Which option offers a discounted hourly rate compared to the hourly rate of On-Demand Instances?

- A. AWS Graviton processor
- B. Dedicated Hosts
- C. EC2 Instance Savings Plans
- D. Amazon EC2 Auto Scaling Instances

Answer: C

NEW QUESTION 335

- (Exam Topic 3)

A company is designing a web application that will run on Amazon EC2 instances.

Which AWS services and features will improve availability and reduce the impact of failures for this application? (Choose two.)

- A. Amazon EC2 Auto Scaling for the EC2 instances
- B. VPC subnet ACLs to check the health of a service
- C. Resources that are distributed across multiple Availability Zones
- D. Configuration of AWS Server Migration Service (AWS SMS) to move the EC2 instances to a different AWS Region
- E. Resources that are distributed across multiple AWS points of presence

Answer: AC

NEW QUESTION 337

- (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 342

- (Exam Topic 3)

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

- A. Companies can avoid provisioning too much capacity when they do not know how much capacity is required.

- B. Companies can expand into new geographic regions.
- C. Companies can access a range of technologies to experiment and innovate quickly.
- D. Companies can pay for IT resources only when they use the resources.

Answer: C

NEW QUESTION 343

- (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 346

- (Exam Topic 3)

A company is using Amazon EC2 instances.

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

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

Answer: BE

NEW QUESTION 350

- (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 351

- (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 354

- (Exam Topic 3)

A company wants to rightsized its Amazon EC2 instances.

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

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

Answer: B

NEW QUESTION 357

- (Exam Topic 3)

An ecommerce company has deployed a new web application on Amazon EC2 instances. The company wants to distribute incoming HTTP traffic evenly across all running instances.

Which AWS service or resource will meet this requirement?

- A. Amazon EC2 Auto Scaling
- B. Application Load Balancer

- C. Gateway Load Balancer
- D. Network Load Balancer

Answer: B

NEW QUESTION 360

- (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 361

- (Exam Topic 3)

A company needs to manage multiple login across AWS accounts within the same organization in AWS Organizations. Which AWS service should the company use to meet this requirement?

- A. Amazon VPC
- B. Amazon GuardDuty
- C. Amazon Cognito
- D. AWS IAM Identify Center (AWS Single Sign-on)

Answer: D

NEW QUESTION 363

- (Exam Topic 3)

A company has an application that stores a high volume of unstructured data and session history. The company needs to scale the application reliably to millions of concurrent users while ensuring consistent low latency. Which AWS service meets these requirements?

- A. Amazon RDS for MariaDB
- B. Amazon DynamoDB
- C. Amazon RDS for SQL Server
- D. Amazon Redshift

Answer: B

NEW QUESTION 364

- (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 365

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