

## AWS-Certified-Cloud-Practitioner Dumps

### Amazon AWS Certified Cloud Practitioner

<https://www.certleader.com/AWS-Certified-Cloud-Practitioner-dumps.html>



**NEW QUESTION 1**

- (Exam Topic 1)

Which approach will enhance a user's security on AWS?

- A. Use Multi-AZ deployments with Amazon RDS.
- B. Create a hybrid architecture by using AWS Direct Connect.
- C. Monitor application-specific information with AWS X-Ray.
- D. Encrypt data by using AWS Key Management Service (AWS KMS).

**Answer:** D

**NEW QUESTION 2**

- (Exam Topic 1)

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

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

**Answer:** D

**Explanation:**

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

**NEW QUESTION 3**

- (Exam Topic 1)

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 4**

- (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 5**

- (Exam Topic 1)

Which AWS service supports the analysis, investigation, and identification of the root cause of security events and suspicious activities in an AWS account?

- A. Amazon Inspector
- B. Amazon Macie
- C. Amazon Detective
- D. Amazon CloudWatch

**Answer:** C

**Explanation:**

Amazon Detective makes it easy to analyze, investigate, and quickly identify the root cause of potential security issues or suspicious activities. Ref : <https://aws.amazon.com/it/detective/features/#:~:text=Amazon%20Detective%20makes%20it%20easy,security>

**NEW QUESTION 6**

- (Exam Topic 1)

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

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

**Answer:** D

**Explanation:**

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

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

**NEW QUESTION 7**

- (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 8**

- (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 9**

- (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 10

- (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 10

- (Exam Topic 1)

Which of the following is a way to use Amazon EC2 Auto Scaling groups to scale capacity in the AWS Cloud?

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

**Answer:** A

#### NEW QUESTION 11

- (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 16

- (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 18

- (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 22

- (Exam Topic 1)

Which of the following is an AWS Well-Architected Framework design principle for operational excellence in the AWS Cloud?

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

**Answer:** B

**Explanation:**

Table Description automatically generated

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

### NEW QUESTION 23

- (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 28

- (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)

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 34

- (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 39**

- (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 42**

- (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 43**

- (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 44**

- (Exam Topic 1)

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

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

**Answer:** B

**NEW QUESTION 49**

- (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 52

- (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 57

- (Exam Topic 1)

A company needs to perform data processing once a week that typically takes about 5 hours to complete.

Which AWS service should the company use for this workload?

- A. AWS Lambda
- B. Amazon EC2
- C. AWS CodeDeploy
- D. AWS Wavelength

**Answer:** A

#### NEW QUESTION 58

- (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 59

- (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 62

- (Exam Topic 1)

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

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

**Answer:** C

#### Explanation:

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

**NEW QUESTION 63**

- (Exam Topic 1)

A company runs a web application on Amazon EC2 instances. The application must run constantly and is expected to run indefinitely without interruption. Which EC2 instance purchasing options will meet these requirements MOST cost-effectively? (Select TWO.)

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

**Answer:** CD

**Explanation:**

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

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

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

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

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

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

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

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

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

**NEW QUESTION 65**

- (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 67**

- (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 69**

- (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 (IAM)
- D. AWS WAF

**Answer:** D

**Explanation:**

To allow or block specific IP addresses for your EC2 instances, use network 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 71**

- (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 73**

- (Exam Topic 1)

A company needs a centralized, secure way to create and manage cryptographic keys. The company will use the keys across a wide range of AWS services and applications. The company needs to track and document when the keys are created, used, and deleted.

Which AWS service or feature will meet these requirements?

- A. AWS Secrets Manager
- B. AWS License Manager
- C. AWS Systems Manager Parameter Store
- D. AWS Key Management Service (AWS KMS)

**Answer:** D

**Explanation:**

AWS Key Management Service (AWS KMS) makes it easy for you to create and manage cryptographic keys and control their use across a wide range of AWS services and in your applications. AWS KMS is a secure and resilient service that uses hardware security modules that have been validated under FIPS 140-2, or are in the process of being validated, to protect your keys. AWS KMS is integrated with AWS CloudTrail to provide you with logs of all key usage to help meet your regulatory and compliance needs.

**NEW QUESTION 76**

- (Exam Topic 1)

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

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

**Answer:** A

**NEW QUESTION 78**

- (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 80**

- (Exam Topic 1)

Which combination of steps will enable multi-factor authentication (MFA) on an AWS account? (Select TWO.)

- A. Contact AWS Support to initiate MFA activation.
- B. Activate AWS Shield on an MFA-compatible device.
- C. Acquire an MFA-compatible device.
- D. Activate the MFA device by using Amazon GuardDuty.
- E. Activate the MFA device in the IAM console or by using the AWS CLI.

**Answer:** BC

**Explanation:**

AWS Multi-Factor Authentication (MFA) is a simple best practice that adds an extra layer of protection on top of your user name and password. With MFA enabled, when a user signs in to an AWS website, they will be prompted for their user name and password (the first factor—what they know), as well as for an authentication response from their AWS MFA device (the second factor—what they have). Taken together, these multiple factors provide increased security for your AWS account settings and resources.

**NEW QUESTION 82**

- (Exam Topic 1)

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

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

**Answer:** C

**NEW QUESTION 85**

- (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 89**

- (Exam Topic 1)

Which of the following is the customer responsible for updating and patching, according to the AWS shared responsibility model?

- A. Amazon FSx for Windows File Server
- B. Amazon Workspaces virtual Windows desktop
- C. AWS Directory Service for Microsoft Active Directory
- D. Amazon RDS for Microsoft SQL Server

**Answer:** B

**NEW QUESTION 90**

- (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 92**

- (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 94**

- (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 95**

- (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 97**

- (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 100**

- (Exam Topic 2)

A company has an on-premises Oracle database. The company spends a significant amount of time on database administration activities. The company is moving the database to AWS and needs to minimize the time that is required for these administration activities

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

- A. Amazon ElastiCache
- B. Amazon EC2
- C. Amazon RDS
- D. Amazon DynamoDB

**Answer:** C

**NEW QUESTION 105**

- (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 110**

- (Exam Topic 2)

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

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

**Answer:** A

**Explanation:**

Instances that must be online all the time and have steady or predictable traffic Any baseline usage, while using On-Demand or Spot Instances for bursts

Applications that might require reserved capacity Customers who can commit to using EC2 over a one-year or 3-year term

<https://aws.amazon.com/blogs/startups/optimizing-your-costs-for-aws-services-part-1/>

**NEW QUESTION 115**

- (Exam Topic 2)

A developer wants to deploy an application on a container-based service. The service must automatically provision and manage the backend instances. The service must provision only the necessary resources. Which AWS service will meet these requirements?

- A. Amazon EC2
- B. Amazon Lightsail
- C. Amazon Elastic Kubernetes Service (Amazon EKS)
- D. AWS Fargate

**Answer:** D

**NEW QUESTION 116**

- (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 117

- (Exam Topic 2)

Which component of the AWS global infrastructure does Amazon CloudFront use to deliver content to end users with low latency?

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

**Answer:** A

#### NEW QUESTION 120

- (Exam Topic 2)

Which of the following are benefits that a company receives when it moves an on-premises internet-facing website to the AWS Cloud? (Select TWO.)

- A. Data that is stored in the AWS Cloud is automatically encrypted.
- B. Website capacity can expand or contract as website traffic changes.
- C. AWS automatically provides the company with the lowest-cost pricing model.
- D. The website shows up with higher priority in internet search engines
- E. The company can take advantage of the pay-as-you-go pricing model

**Answer:** BE

#### NEW QUESTION 123

- (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 126

- (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 127

- (Exam Topic 2)

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

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

**Answer:** CD

#### NEW QUESTION 130

- (Exam Topic 2)

A company uses a database that has a simple sign-up page to create users, and a basic login form to authenticate users so they can access the database. The company wants to give users the ability to store personal information, but user access must be controlled in a more secure and reliable way.

Which AWS service or feature will meet these requirements?

- A. Security groups
- B. Amazon GuardDuty
- C. AWS Secrets Manager
- D. Amazon Cognito

**Answer:** D

**Explanation:**

[aws.amazon.com/cognito/](https://aws.amazon.com/cognito/)

**NEW QUESTION 134**

- (Exam Topic 2)

A company wants to deploy, scale, and manage third-party virtual appliances in a cluster in the AWS Cloud. These applications include firewalls, intrusion detection and prevention systems, and deep packet inspection systems.

Which AWS service or resource will meet these requirements?

- A. Application Load Balancer
- B. Gateway Load Balancer
- C. Network Load Balancer
- D. AWS Global Accelerator

**Answer:** B

**Explanation:**

<https://docs.aws.amazon.com/prescriptive-guidance/latest/integrate-third-party-services/resources.html>

**NEW QUESTION 135**

- (Exam Topic 2)

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

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

**Answer:** D

**NEW QUESTION 140**

- (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 142**

- (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 143**

- (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 144**

- (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 146

- (Exam Topic 2)

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

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

**Answer:** B

#### NEW QUESTION 147

- (Exam Topic 2)

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

- A. Activate Amazon DynamoDB Accelerator (DAX)
- B. Deploy resources across multiple Availability Zones.
- C. Decrease operational tasks by using AWS managed services.
- D. Automate changes and responses to events.
- E. Use the AWS global infrastructure to benefit from economies of scale

**Answer:** CD

#### NEW QUESTION 150

- (Exam Topic 2)

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

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

**Answer:** D

#### NEW QUESTION 151

- (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 154

- (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 158

- (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 163**

- (Exam Topic 2)

A company has acquired several other companies. All the companies host their IT infrastructure in the AWS Cloud. Which AWS service should the acquiring company use to centralize the account management?

- A. AWS Systems Manager
- B. AWS Organizations
- C. AWS Security Hub
- D. Amazon Workspaces

**Answer:** B

**NEW QUESTION 164**

- (Exam Topic 2)

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

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

**Answer:** D

**NEW QUESTION 167**

- (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 172**

- (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 176**

- (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 177**

- (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 180**

- (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 181**

- (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 184**

- (Exam Topic 3)

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

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

**Answer:** B

**Explanation:**

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

**NEW QUESTION 185**

- (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 187**

- (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 189**

- (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 192**

- (Exam Topic 3)

Which of the following are advantages of moving from on premises to the AWS Cloud? (Select TWO)

- A. Trade variable expenses for capital expenses
- B. Eliminate costs related to running and maintaining data centers.
- C. Benefit from massive economies of scale.
- D. Eliminate the need to train IT staff.
- E. Gain the ability to reserve capacity for 7 years or more

**Answer:** AC

**NEW QUESTION 196**

- (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 197**

- (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 199**

- (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 201**

- (Exam Topic 3)

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

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

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

**Answer:** D

**Explanation:**

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

**NEW QUESTION 203**

- (Exam Topic 3)

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

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

**Answer:** B

**NEW QUESTION 208**

- (Exam Topic 3)

Using Amazon Elastic Container Service (Amazon ECS) to break down a monolithic architecture into microservices is an example of:

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

**Answer:** A

**NEW QUESTION 210**

- (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 211**

- (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 214**

- (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 215**

- (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 216

- (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 217

- (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 220

- (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 221

- (Exam Topic 3)

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

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

**Answer:** D

#### NEW QUESTION 225

- (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:** A

#### NEW QUESTION 229

- (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 234**

- (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 237**

- (Exam Topic 3)

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

Which service will meet these requirements?

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

**Answer:** D

**Explanation:**

Amazon GuardDuty is a threat detection service that continuously monitors your AWS accounts and workloads for malicious activity and delivers detailed security findings for visibility and remediation.

<https://aws.amazon.com/guardduty/>

**NEW QUESTION 240**

- (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 242**

- (Exam Topic 3)

A company is building AWS architecture to deliver real-time data feeds from an on-premises data center into an application that runs on AWS. The company needs a consistent network connection with minimal latency.

What should the company use to connect the application and the data center to meet these requirements?

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

**Answer:** D

**NEW QUESTION 243**

- (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 248**

- (Exam Topic 3)

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

A. The AWS infrastructure is made up of multiple AWS Regions within various Availability Zones located in areas that have low flood risk, and are interconnected with low-latency networks and redundant power supplies.

B. The AWS infrastructure consists of subnets containing various Availability Zones with multiple data centers located in the same geographic location.

C. AWS allows users to choose AWS Regions and data centers so that users can select the closest data centers in different Regions.

D. The AWS infrastructure consists of isolated AWS Regions with independent Availability Zones that are connected with low-latency networking and redundant power supplies.

**Answer:** D

**NEW QUESTION 250**

- (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 255**

- (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 260**

- (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 262**

- (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](mailto: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 264**

- (Exam Topic 3)

Which AWS service provides recommendations to help users optimize costs and follow AWS best practices?

A. AWS Trusted Advisor

B. AWS Service Catalog

C. AWS Ground Station

D. Amazon GuardDuty

**Answer:** A

**Explanation:**

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

**NEW QUESTION 266**

- (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 271**

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