

# Exam Questions AWS-Certified-Cloud-Practitioner

Amazon AWS Certified Cloud Practitioner

<https://www.2passeasy.com/dumps/AWS-Certified-Cloud-Practitioner/>



#### NEW QUESTION 1

- (Exam Topic 1)

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

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

**Answer:** AD

#### NEW QUESTION 2

- (Exam Topic 1)

A company plans to launch an application that will run in multiple locations within the United States. The company needs to identify the two AWS Regions where the application can operate at the lowest price. Which AWS service or feature should the company use to determine the Regions that offer the lowest price?

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

**Answer:** C

#### Explanation:

<https://aws.amazon.com/premiumsupport/technology/trusted-advisor/>

#### NEW QUESTION 3

- (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 4

- (Exam Topic 1)

A company needs to process data from satellite communications without managing any infrastructure. Which AWS service should the company use to meet these requirements?

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

**Answer:** D

#### Explanation:

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

#### NEW QUESTION 5

- (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 6

- (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 7

- (Exam Topic 1)

Which cloud computing benefit does AWS demonstrate with its ability to offer lower variable costs as a result of high purchase volumes?

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

**Answer:** D

#### NEW QUESTION 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)

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

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

**Answer:** CE

#### NEW QUESTION 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 10

- (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 13

- (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 18**

- (Exam Topic 1)

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:** C

**Explanation:**

The AWS Global Cloud Infrastructure is the most secure, extensive, and reliable cloud platform, offering over 200 fully featured services from data centers globally. Whether you need to deploy your application workloads across the globe in a single click, or you want to build and deploy specific applications closer to your end-users with single-digit millisecond latency, AWS provides you the cloud infrastructure where and when you need it.

**NEW QUESTION 23**

- (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 25**

- (Exam Topic 1)

A company is using an Amazon RDS database to run reports that are input/output (I/O) intensive. Which AWS service can be used to improve the database performance?

- A. Amazon DynamoDB Accelerator (DAX)
- B. Amazon EMR
- C. Amazon ElastiCache
- D. Amazon Redshift

**Answer:** C

**NEW QUESTION 27**

- (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 29**

- (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 33**

- (Exam Topic 1)

Elasticity in the AWS Cloud refers to which of the following? (Select TWO.)

- A. How quickly an Amazon EC2 instance can be restarted
- B. The ability to right size resources as demand shifts
- C. The maximum amount of RAM an Amazon EC2 instance can use
- D. The pay-as-you-go billing model
- E. How easily resources can be procured when they are needed

**Answer:** BE

**Explanation:**

The AWS Well-Architected Framework defines elasticity as: The ability to acquire resources as you need them and release resources when you no longer need them. In the cloud, you want to do this automatically

<https://dev.to/aws-builders/what-does-elastic-mean-cloud-concepts-explained-4anb#:~:text=The%20AWS%20W>

**NEW QUESTION 38**

- (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 40**

- (Exam Topic 1)

A company has a global website with static content.

Which AWS service will deliver the static content with low latency?

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

**Answer:** B

**NEW QUESTION 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)

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

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



D. Amazon S3 is a scalable, fully managed elastic NFS for use with AWS Cloud services and on-premises resources.

**Answer:** B

**Explanation:**

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

**NEW QUESTION 45**

- (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 50**

- (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 53**

- (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 58**

- (Exam Topic 1)

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

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

**Answer:** B

**NEW QUESTION 62**

- (Exam Topic 1)

Which of the following describes AWS Local Zones?

- A. A cluster of data centers in one geographic location
- B. A site used by Amazon CloudFront to cache frequently accessed content
- C. An extension of an AWS Region to more granular locations
- D. One or more data centers with redundant power and networking

**Answer:** C

**Explanation:**

AWS Local Zones are a type of AWS infrastructure deployment that place compute, storage, database, and other select services closer to large population, industry, and IT centers, enabling you to deliver applications that require single-digit millisecond latency to end-users.

**NEW QUESTION 65**

- (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 70

- (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 73

- (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 74

- (Exam Topic 1)

Which of the following are AWS compute services? (Select TWO.)

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

**Answer:** AD

#### Explanation:

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

#### NEW QUESTION 79

- (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 83

- (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 84**

- (Exam Topic 1)

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

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

**Answer:** BD

**NEW QUESTION 87**

- (Exam Topic 1)

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

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

**Answer:** CD

**Explanation:**

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

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

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

AWS CloudTrail enables auditing, security monitoring, and operational troubleshooting by tracking user activity and API usage. CloudTrail logs, continuously monitors, and retains account activity related to actions across your AWS infrastructure, giving you control over storage, analysis, and remediation actions.

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

**NEW QUESTION 88**

- (Exam Topic 1)

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

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

**Answer:** B

**Explanation:**

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

**NEW QUESTION 90**

- (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 92**

- (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 97**

- (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 102**

- (Exam Topic 1)

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

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

**Answer:** B

**Explanation:**

AWS Certificate Manager helps manage the challenges of maintaining SSL/TLS certificates, including certificate renewals so you don't have to worry about expiring certificates. Learn more about provisioning, managing, and deploying public and private SSL/TLS certificates.

**NEW QUESTION 105**

- (Exam Topic 2)

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

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

**Answer:** B

**NEW QUESTION 110**

- (Exam Topic 2)

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

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

**Answer:** B

**NEW QUESTION 111**

- (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 114

- (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 119

- (Exam Topic 2)

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

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

**Answer:** B

#### NEW QUESTION 122

- (Exam Topic 2)

A company has set up its IT infrastructure in the AWS Cloud. The company wants to receive detailed reports that break down AWS costs by the hour. The reports must be placed in an Amazon S3 bucket.

Which AWS tool will meet these requirements?

- A. AWS Cost and Usage Reports
- B. AWS Pricing Calculator
- C. Cost Explorer
- D. AWS Budgets

**Answer:** A

#### NEW QUESTION 124

- (Exam Topic 2)

A company is using AWS Lambda.

Which task is the company's responsibility, according to the AWS shared responsibility model?

- A. Update the Lambda runtime language
- B. Maintain the runtime environment
- C. Maintain the networking infrastructure
- D. Configure the resource

**Answer:** D

#### NEW QUESTION 126

- (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 128

- (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 132

- (Exam Topic 2)

Which AWS service provides intelligent recommendations to improve code quality and identify an application's most expensive lines of code?

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

**Answer:** A

#### NEW QUESTION 137

- (Exam Topic 2)

A company is running a workload on AWS. The company wants to protect the workload from DDoS attacks. When AWS service will meet these requirements?

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

**Answer:** B

#### NEW QUESTION 141

- (Exam Topic 2)

Which AWS services are delivered globally instead of regionally? (Select TWO.)

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

**Answer:** BC

#### NEW QUESTION 144

- (Exam Topic 2)

A company runs a web application on Amazon EC2 instances. The application has consistent usage and is expected to run indefinitely. Which EC2 instance purchasing option will meet these requirements MOST cost-effectively?

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

**Answer:** C

#### NEW QUESTION 147

- (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 148

- (Exam Topic 2)

A company wants to use a server less compute service for an application. When AWS service will meet tins requirement?

- A. AWS Lambda
- B. AWS CloudFormation
- C. AWS Elastic Beanstalk
- D. Elastic Load Balancing

**Answer:** A

#### NEW QUESTION 153

- (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 157

- (Exam Topic 2)

Which of the following can be used to identify a specific user who stopped an Amazon EC2 instance?

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

**Answer:** A

#### NEW QUESTION 158

- (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 161

- (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 163

- (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 165

- (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 166

- (Exam Topic 2)

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

- A. Use separate AWS accounts for each business unit 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 Mar by unit using an AWS Cost and Usage Report

**Answer:** C

#### NEW QUESTION 171

- (Exam Topic 2)

Which AWS service or feature will search for and identify AWS resources that are stored externally?

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

**Answer:** C

#### NEW QUESTION 174

- (Exam Topic 2)

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

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

**Answer:** AD

#### NEW QUESTION 179

- (Exam Topic 2)

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

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

**Answer:** C

#### NEW QUESTION 180

- (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 184

- (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 187

- (Exam Topic 2)

Which AWS service provides managed DDoS protection?

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

**Answer:** B

#### NEW QUESTION 190



- (Exam Topic 2)

A company needs a data warehouse for analytical workloads. The data warehouse must support standard SQL queries. Which AWS service meets these requirements?

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

**Answer:** C

#### NEW QUESTION 192

- (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 195

- (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 196

- (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 201

- (Exam Topic 2)

Which AWS service adds speech-to-text capabilities to applications?

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

**Answer:** C

#### NEW QUESTION 202

- (Exam Topic 2)

A company stores several terabytes of data in an Amazon S3 bucket. The company needs to query the data by using standard SQL and does not want to set up infrastructure. Which AWS service should the company use to meet these requirements?

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

**Answer:** C

#### Explanation:

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

#### NEW QUESTION 207

- (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 208

- (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 212

- (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 216

- (Exam Topic 2)

How can a user protect an Amazon EC2 instance from a suspicious IP address?

- A. Block the IP on the inbound rule of a network ACL.
- B. Block the IP on the outbound rule of a security group.
- C. Block the IP on the inbound rule of a security group and network ACL.
- D. Block the IP on the outbound rule of a security group and network ACL.

**Answer:** A

#### NEW QUESTION 220

- (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 225

- (Exam Topic 2)

What should a user do if the user loses an IAM secret access key?

- A. Retrieve the secret access key by using the IAM console.
- B. Create a new user with a new access key and a new secret access key.
- C. Rotate the secret access key.
- D. Request a new secret access key from AWS Support.

**Answer:** C

**NEW QUESTION 228**

- (Exam Topic 2)

A company is designing an application. For the data persistence layer, the company wants to use a NoSQL database. Which AWS service should the company use for the database?

- A. Amazon Redshift
- B. AWS DataSync
- C. Amazon Athena
- D. Amazon DynamoDB

**Answer:** D

**NEW QUESTION 233**

- (Exam Topic 2)

A company is considering implementing a new workload in the AWS Cloud. However, the company first wants to forecast the potential cost. Which tool should the company use to estimate the cost of the workload?

- A. Cost Explorer
- B. AWS Pricing Calculator
- C. AWS Billing and Cost Management dashboard
- D. AWS Cost and Usage Report

**Answer:** B

**NEW QUESTION 238**

- (Exam Topic 2)

Which pillar of the AWS Well-Architected Framework is focused on the ability of a workload to perform its intended function correctly and consistently at the expected time?

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

**Answer:** A

**NEW QUESTION 240**

- (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 244**

- (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 247**

- (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 248**

- (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 249

- (Exam Topic 3)

Which action will help increase security in the AWS Cloud?

- A. Enable programmatic access for all IAM users.
- B. Use IAM users instead of IAM roles to delegate permissions.
- C. Rotate access keys on a reoccurring basis.
- D. Use inline policies instead of customer managed policies.

**Answer:** C

**Explanation:**

<https://docs.aws.amazon.com/IAM/latest/UserGuide/best-practices.html>

Where possible, we recommend relying on temporary credentials instead of creating long-term credentials such as access keys. However, for scenarios in which you need IAM users with programmatic access and long-term credentials, we recommend that you rotate access keys. Regularly rotating long-term credentials helps you familiarize yourself with the process. This is useful in case you are ever in a situation where you must rotate credentials, such as when an employee leaves your company. We recommend that you use IAM access last used information to rotate and remove access keys safely.

#### NEW QUESTION 252

- (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 253

- (Exam Topic 3)

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

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

**Answer:** D

#### NEW QUESTION 258

- (Exam Topic 3)

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

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

**Answer:** D

#### NEW QUESTION 263

- (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 266

- (Exam Topic 3)

What is the security best practice concerning sensitive data stored in Amazon S3?

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

**Answer: B**

#### NEW QUESTION 271

- (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 272

- (Exam Topic 3)

A company needs to block SQL injection attacks.

Which AWS service or feature provides this functionality?

- A. AWS WAF
- B. Network ACLs
- C. Security groups
- D. AWS Trusted Advisor

**Answer: A**

#### NEW QUESTION 277

- (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 279

- (Exam Topic 3)

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

Which AWS service will meet these requirements?

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

**Answer: C**

#### NEW QUESTION 282

- (Exam Topic 3)

What is the total volume of data that can be stored in Amazon S3?

- A. 10 PB
- B. 50 PB
- C. 100 PB
- D. Virtually unlimited

**Answer: D**



#### NEW QUESTION 284

- (Exam Topic 3)

A company needs fully managed, highly reliable, and scalable file storage that is accessible over the Server Message Block (SMB) protocol.  
Which AWS service will meet these requirements?

- A. Amazon S3
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon FSx for Windows File Server
- D. Amazon Elastic Block Store (Amazon EBS)

**Answer:** C

#### Explanation:

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

#### NEW QUESTION 285

- (Exam Topic 3)

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

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

**Answer:** B

#### NEW QUESTION 290

- (Exam Topic 3)

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

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

**Answer:** AE

#### NEW QUESTION 291

- (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 293

- (Exam Topic 3)

Which design principle is achieved by following the reliability pillar of the AWS Well-Architected Framework?

- A. Vertical scaling
- B. Manual failure recovery
- C. Testing recovery procedures
- D. Changing infrastructure manually

**Answer:** C

#### Explanation:

Testing recovery procedures Reliability

Design Principles

Automatically recover from failure Test recovery procedures

Scale horizontally to increase aggregate workload availability Stop guessing capacity

Manage change in automation

#### NEW QUESTION 297

- (Exam Topic 3)

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

Which AWS service meets these requirements?

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

D. Amazon Elastic Transcoder

**Answer:** A

#### NEW QUESTION 298

- (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 300

- (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 305

- (Exam Topic 3)

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

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

**Answer:** AE

#### NEW QUESTION 308

- (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 310

- (Exam Topic 3)

A company needs help with a specific question that is related to a planned AWS deployment of a business application. The company has only the AWS Basic Support plan. The company wants to have the question answered immediately by an expert who has adequate skills and experience. Which action should the company take to meet these requirements?

- A. Submit the question to AWS Support by phone or live chat.
- B. Submit the question in AWS re:Post
- C. Connect with other AWS customers by using AWS Connect
- D. Connect with an AWS professional by using AWS IQ.

**Answer:** A

#### NEW QUESTION 315

- (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 316

- (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 318

- (Exam Topic 3)

Which AWS service should a company use to check for IAM access keys that have not been rotated recently?

- A. AWS WAF
- B. AWS Trusted Advisor
- C. Amazon Inspector
- D. AWS Certificate Manager (ACM)

**Answer:** B

#### Explanation:

Service quotas are the maximum number of resources that you can create in an AWS account. AWS implements quotas to provide highly available and reliable service to all customers, and protects you from unintentional spend. Trusted Advisor will notify you once you reach more than 80% of a service quota. You can then follow recommendations to delete resources or request a quota increase.

#### NEW QUESTION 322

- (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 326

- (Exam Topic 3)

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

Which AWS service will meet these requirements?

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

**Answer:** D

#### Explanation:

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

#### NEW QUESTION 330

- (Exam Topic 3)

A company needs to use Amazon S3 to store audio files that are each 5 megabytes in size. The company will rarely access the files, but the company must be able to retrieve the files immediately:

Which S3 storage class will meet these requirements MOST cost-effectively?

- A. S3 Standard
- B. S3 Standard-Infrequent Access (S3 Standard-IA)
- C. S3 Glacier Flexible Retrieval
- D. S3 Glacier Deep Archive

**Answer:** B

#### NEW QUESTION 335

- (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 336**

- (Exam Topic 3)

A company wants the ability to accommodate peak application usage without purchasing equipment for on-premises data centers.

Which AWS Cloud benefit is the company seeking?

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

**Answer:** D

**NEW QUESTION 337**

- (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 338**

- (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 341**

- (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 342**

- (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 345

- (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 347

- (Exam Topic 3)

A company needs to low-code, visual workflow service that developers can use to build distributed applications. Which AWS service is designated to meet these requirements?

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

**Answer:** A

#### NEW QUESTION 349

- (Exam Topic 3)

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

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

**Answer:** AE

#### NEW QUESTION 354

- (Exam Topic 3)

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

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

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

**Answer:** C

#### NEW QUESTION 356

- (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 357

- (Exam Topic 3)

A company is launching a new application in the AWS Cloud. The application will run on an Amazon EC2 instance. More EC2 instances will be needed when the workload increases.

Which AWS service or tool can the company use to launch the number of EC2 instances that will be needed to handle the workload?

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

**Answer: B**

#### Explanation:

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

#### NEW QUESTION 360

- (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 361

.....

## THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual AWS-Certified-Cloud-Practitioner Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the AWS-Certified-Cloud-Practitioner Product From:

<https://www.2passeasy.com/dumps/AWS-Certified-Cloud-Practitioner/>

## Money Back Guarantee

### **AWS-Certified-Cloud-Practitioner Practice Exam Features:**

- \* AWS-Certified-Cloud-Practitioner Questions and Answers Updated Frequently
- \* AWS-Certified-Cloud-Practitioner Practice Questions Verified by Expert Senior Certified Staff
- \* AWS-Certified-Cloud-Practitioner Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* AWS-Certified-Cloud-Practitioner Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year