

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 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 2

- (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 3

- (Exam Topic 1)

A system automatically recovers from failure when a company launches its workload on the AWS Cloud services platform. Which pillar of the AWS Well-Architected Framework does this situation demonstrate?

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

Answer: A

Explanation:

<https://aws.amazon.com/blogs/apn/the-6-pillars-of-the-aws-well-architected-framework/>

Built around six pillars—operational excellence, security, reliability, performance efficiency, cost optimization, and sustainability—AWS Well-Architected provides a consistent approach for customers and partners to evaluate architectures and implement scalable designs.

Reliability

The Reliability pillar encompasses the ability of a workload to perform its intended function correctly and consistently when it's expected to. This includes the ability to operate and test the workload through its total lifecycle. You can find prescriptive guidance on implementation in the Reliability Pillar whitepaper.

NEW QUESTION 4

- (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 5

- (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 6

- (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 7

- (Exam Topic 1)

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

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

Answer: D

Explanation:

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

NEW QUESTION 8

- (Exam Topic 1)

Which AWS service provides alerts when an AWS event may impact a company's AWS resources?

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

Answer: C

NEW QUESTION 9

- (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 10

- (Exam Topic 1)

Which AWS service should a company use to create a NoSQL database?

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

Answer: B

NEW QUESTION 10

- (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 12

- (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 16

- (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 18

- (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 20

- (Exam Topic 1)

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

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

Answer: BC

NEW QUESTION 23

- (Exam Topic 1)

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

instances.

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

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

Answer: C

NEW QUESTION 26

- (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 29

- (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 30

- (Exam Topic 1)

Which AWS services provide high availability across multiple Availability Zones by default? (Select TWO.)

- A. Amazon EC2
- B. Amazon Elastic Block Store (Amazon EBS)
- C. Amazon Elastic File System (Amazon EFS)
- D. Amazon Redshift
- E. Amazon S3

Answer: BD

NEW QUESTION 34

- (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 38

- (Exam Topic 1)

Which AWS service should a company use to decouple large monolithic applications into smaller microservices components?

- A. AWS Direct Connect
- B. Amazon Lightsail
- C. Amazon Simple Queue Service (Amazon SQS)
- D. Amazon CloudWatch

Answer: C

Explanation:

Amazon SQS is a fully managed message queuing service that makes it easy to decouple and scale microservices, distributed systems, and serverless applications

NEW QUESTION 42

- (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 43

- (Exam Topic 1)

A company needs to deploy an Amazon EC2 instance and attach a storage mount for the operating system and application files. Which AWS service will meet these requirements?

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

Answer: D

NEW QUESTION 44

- (Exam Topic 1)

What is a benefit of using AWS serverless computing?

- A. Application deployment and management are not required.
- B. Application security will be fully managed by AWS.
- C. Monitoring and logging are not needed.
- D. Management of infrastructure is offloaded to AWS.

Answer: D

Explanation:

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

NEW QUESTION 48

- (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 52

- (Exam Topic 2)

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

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

Answer: D

NEW QUESTION 57

- (Exam Topic 2)

Which duty is a responsibility of AWS under the AWS shared responsibility model?

- A. Identity and access management
- B. Server-side encryption (SSE)
- C. Firewall configuration
- D. Maintaining physical hardware

Answer: D

NEW QUESTION 60

- (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 62

- (Exam Topic 2)

A company needs an AWS service that can monitor the company's AWS account. If the service identifies misconfigurations, the company's operations team must receive an alert. Additionally, the service must remediate the issues by invoking AWS Lambda functions.

Which service will meet these requirements?

- A. Amazon Macie
- B. Amazon GuardDuty
- C. AWS Config
- D. AWS Trusted Advisor

Answer: D

NEW QUESTION 66

- (Exam Topic 2)

Which benefit of cloud computing gives a company the ability to deploy applications to users all over the world through a network of AWS Regions, Availability Zones, and edge locations?

- A. Economy of scale
- B. Global reach
- C. Agility
- D. High availability

Answer: C

NEW QUESTION 68

- (Exam Topic 2)

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

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

Answer: C

NEW QUESTION 70

- (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 72

- (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 75

- (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 79

- (Exam Topic 2)

A company is running a Microsoft SQL Server instance on premises and is migrating its application to AWS.

The company lacks the resources needed to refactor the application but management wants to reduce operational overhead as part of the migration.

Which database service would MOST effectively support these requirements?

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

Answer: D

NEW QUESTION 80

- (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 82

- (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 83

- (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 86

- (Exam Topic 2)

A company wants to provide managed Windows virtual desktops and applications to its remote employees over secure network connections.

When AWS services can the company use to meet the requirements? (Select TWO.)

- A. Amazon Connect
- B. Amazon AppStream 2.0
- C. Amazon Workspaces
- D. AWS Site-to-Site VPN

E. Amazon Elastic Container Service (Amazon ECS)

Answer: CD

NEW QUESTION 89

- (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 94

- (Exam Topic 2)

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

- A. Trade variable expenses for capital expenses
- B. High economies of scale
- C. Launch globally in minutes
- D. Focus on managing hardware infrastructure
- E. Overprovision to ensure capacity

Answer: CE

NEW QUESTION 97

- (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 98

- (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 99

- (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 100

- (Exam Topic 3)

A company is choosing an AWS Support plan. The company needs the ability to contact cloud support engineers by phone, email, and chat 24 hours a day, 7 days a week.

What is the LEAST expensive AWS Support plan that meets these requirements?

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

Answer: C

Explanation:

<https://aws.amazon.com/premiumsupport/plans/>

NEW QUESTION 102

- (Exam Topic 3)

Where can AWS users review answers to frequently asked questions about security in the AWS Cloud?

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

Answer: B

Explanation:

<https://aws.amazon.com/premiumsupport/knowledge-center/>

NEW QUESTION 104

- (Exam Topic 3)

Which AWS service helps users audit API activity across their AWS account?

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

Answer: A

NEW QUESTION 107

- (Exam Topic 3)

Which AWS service or feature can a company use to determine which business unit is using specific AWS resources?

- A. Cost allocation tags
- B. Key pairs
- C. Amazon Inspector
- D. AWS Trusted Advisor

Answer: A

NEW QUESTION 110

- (Exam Topic 3)

If a company wants to build an interactive chatbot to make a call center more efficient, which AWS service should be used?

- A. Amazon Connect
- B. Amazon Lex
- C. Amazon Translate
- D. Amazon Polly

Answer: B

NEW QUESTION 114

- (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 119

- (Exam Topic 3)

A company is planning to configure multi-factor authentication (MFA) for a business application. The company needs to use text messages to distribute one-time passwords to its customers worldwide. Which AWS service should the company use to meet this requirement?

- A. Amazon EventBridge (Amazon CloudWatch Events)
- B. AWS Identity and Access Management (IAM)
- C. Amazon Simple Notification Service (Amazon SNS)
- D. Amazon Connect

Answer: C

NEW QUESTION 123

- (Exam Topic 3)

An e-commerce 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 124

- (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 128

- (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 132

- (Exam Topic 3)

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

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

Answer: C

Explanation:

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

NEW QUESTION 134

- (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 139

- (Exam Topic 3)

A company notices suspicious network activity against an application that is running on a fleet of Amazon EC2 instances. The suspicious activity is coming from a single IP address.

Which AWS service should the company use to block access from this IP address?

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

Answer: D

Explanation:

AWS WAF is a web application firewall that lets you monitor the HTTP and HTTPS requests that are forwarded to your protected web application resources. You can protect the following resource types:

- Amazon CloudFront distribution
- Amazon API Gateway REST API
- Application Load Balancer
- AWS AppSync GraphQL API
- Amazon Cognito user pool

AWS WAF also lets you control access to your content. Based on conditions that you specify, such as the IP addresses that requests originate from or the values of query strings, your protected resource responds to requests either with the requested content, with an HTTP 403 status code (Forbidden), or with a custom response.

<https://docs.aws.amazon.com/waf/latest/developerguide/what-is-aws-waf.html>

NEW QUESTION 140

- (Exam Topic 3)

A company wants to migrate its Microsoft SQL Server database management system from on-premises to the AWS Cloud. Which AWS service should the company use to reduce management overhead for this environment?

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

Answer: B

NEW QUESTION 144

- (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 149

- (Exam Topic 3)

A company needs to run a workload that requires low-latency access to an on-premises data center. The company wants a fully managed service to extend its existing VPC to local resources.

Which AWS service or resource should the company use?

- A. AWS Outposts
- B. Amazon Connect
- C. AWS Snowball Edge
- D. Amazon WorkLink

Answer: A

Explanation:

comparison between the outpost and Local zone

"should be local and on-premises" local zones are not on premises at all <https://aws.amazon.com/blogs/compute/aws-local-zones-and-aws-outposts-choosing-the-right-technology-for-yo>

NEW QUESTION 150

- (Exam Topic 3)

A cloud practitioner needs to design a NoSQL database that is highly scalable, is durable, and requires minimal maintenance. Which AWS service meets these requirements?

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

Answer: C

NEW QUESTION 151

- (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 155

- (Exam Topic 3)

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

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

Answer: BD

Explanation:

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

NEW QUESTION 160

- (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 164

- (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 166

- (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 171

- (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 176

- (Exam Topic 3)

A company suspects that its AWS resources are being used for illegal activities. Which AWS group or team should the company notify?

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

Answer: A

Explanation:

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

NEW QUESTION 178

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