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Correct Answer: B

Explanation:

<https://cloudacademy.com/blog/aws-shared-responsibility-model-security/>

QUESTION 248

Which AWS service enables users to consolidate billing across multiple accounts?

- A. Amazon QuickSight
- B. AWS Organizations
- C. AWS Budgets
- D. Amazon Forecast

Correct Answer: B

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 master (payer) account that pays the charges of all the member (linked) accounts.

Reference:

<https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/consolidated-billing.html>

QUESTION 249

Under the AWS shared responsibility model, which of the following is an example of security in the AWS Cloud?

- A. Managing edge locations
- B. Physical security
- C. Firewall configuration
- D. Global infrastructure

Correct Answer: B

Explanation:

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

QUESTION 250

How can an AWS user with an AWS Basic Support plan obtain technical assistance from AWS?

- A. AWS Senior Support Engineers
- B. AWS Technical Account Managers
- C. AWS Trusted Advisor
- D. AWS Discussion Forums

Correct Answer: D

Explanation:

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

QUESTION 251

Which of the following are pillars of the AWS Well-Architected Framework? (Choose two.)

- A. Multiple Availability Zones

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- B. Performance efficiency
- C. Security
- D. Encryption usage
- E. High availability

Correct Answer: BC

Explanation:

https://d1.awsstatic.com/whitepapers/architecture/AWS_Well-Architected_Framework.pdf (5)

QUESTION 252

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

Correct Answer: D

Explanation:

<https://aws.amazon.com/ec2/pricing/reserved-instances/pricing/>

QUESTION 253

What is an advantage of deploying an application across multiple Availability Zones?

- A. There is a lower risk of service failure if a natural disaster causes a service disruption in a given AWS Region.
- B. The application will have higher availability because it can withstand a service disruption in one Availability Zone.
- C. There will be better coverage as Availability Zones are geographically distant and can serve a wider area.
- D. There will be decreased application latency that will improve the user experience.

Correct Answer: B

Explanation:

<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-regions-availability-zones.html>

QUESTION 254

A Cloud Practitioner is asked how to estimate the cost of using a new application on AWS. What is the MOST appropriate response?

- A. Inform the user that AWS pricing allows for on-demand pricing.
- B. Direct the user to the AWS Simple Monthly Calculator for an estimate.
- C. Use Amazon QuickSight to analyze current spending on-premises.
- D. Use Amazon AppStream 2.0 for real-time pricing analytics.

Correct Answer: B

Explanation:

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

QUESTION 255

A company wants to migrate its applications to a VPC on AWS. These applications will need to access on-premises resources. What combination of actions will enable the company to

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accomplish this goal? (Choose two.)

- A. Use the AWS Service Catalog to identify a list of on-premises resources that can be migrated.
- B. Build a VPN connection between an on-premises device and a virtual private gateway in the new VPC.
- C. Use Amazon Athena to query data from the on-premises database servers.
- D. Connect the company's on-premises data center to AWS using AWS Direct Connect.
- E. Leverage Amazon CloudFront to restrict access to static web content provided through the company's on-premises web servers.

Correct Answer: BD

Explanation:

<https://aws.amazon.com/blogs/apn/amazon-vpc-for-on-premises-network-engineers-part-one/>

QUESTION 256

A web application running on AWS has been spammed with malicious requests from a recurring set of IP addresses. Which AWS service can help secure the application and block the malicious traffic?

- A. AWS IAM
- B. Amazon GuardDuty
- C. Amazon Simple Notification Service (Amazon SNS)
- D. AWS WAF

Correct Answer: D

Explanation:

AWS WAF is a web application firewall that helps protect web applications from common web exploits that could affect application availability, compromise security, or consume excessive resources. You can use AWS WAF to define customizable web security rules that control which traffic accesses your web applications. If you use AWS Shield Advanced, you can use AWS WAF at no extra cost for those protected resources and can engage the DRT to create WAF rules.

Reference:

<https://aws.amazon.com/answers/networking/aws-ddos-attack-mitigation/>

QUESTION 257

Treating infrastructure as code in the AWS Cloud allows users to:

- A. automate migration of on-premises hardware to AWS data centers.
- B. let a third party automate an audit of the AWS infrastructure.
- C. turn over application code to AWS so it can run on the AWS infrastructure.
- D. automate the infrastructure provisioning process.

Correct Answer: D

Explanation:

<https://asperbrothers.com/blog/infrastructure-as-code-aws/>

QUESTION 258

A company requires a dedicated network connection between its on-premises servers and the AWS Cloud. Which AWS service should be used?

- A. AWS VPN

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- B. AWS Direct Connect
- C. Amazon API Gateway
- D. Amazon Connect

Correct Answer: B

Explanation:

You can use AWS Direct Connect to establish a private virtual interface from your on-premise network directly to your Amazon VPC, providing you with a private, high bandwidth network connection between your network and your VPC. With multiple virtual interfaces, you can even establish private connectivity to multiple VPCs while maintaining network isolation.

Reference:

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

QUESTION 259

Which AWS service can be used to query stored datasets directly from Amazon S3 using standard SQL?

- A. AWS Glue
- B. AWS Data Pipeline
- C. Amazon CloudSearch
- D. Amazon Athena

Correct Answer: D

Explanation:

Amazon Athena is defined as "an interactive query service that makes it easy to analyse data directly in Amazon Simple Storage Service (Amazon S3) using standard SQL." So, it's another SQL query engine for large data sets stored in S3. This is very similar to other SQL query engines, such as Apache Drill. But unlike Apache Drill, Athena is limited to data only from Amazon's own S3 storage service. However, Athena is able to query a variety of file formats, including, but not limited to CSV, Parquet, JSON, etc.

QUESTION 260

AWS CloudFormation is designed to help the user:

- A. model and provision resources.
- B. update application code.
- C. set up data lakes.
- D. create reports for billing.

Correct Answer: A

Explanation:

AWS CloudFormation provides a common language for you to model and provision AWS and third party application resources in your cloud environment. AWS CloudFormation allows you to use programming languages or a simple text file to model and provision, in an automated and secure manner, all the resources needed for your applications across all regions and accounts. This gives you a single source of truth for your AWS and third party resources.

Reference:

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

QUESTION 261

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Which of the following is an AWS database service?

- A. Amazon Redshift
- B. Amazon Elastic Block Store (Amazon EBS)
- C. Amazon S3 Glacier
- D. AWS Snowball

Correct Answer: A

Explanation:

<https://www.sisense.com/glossary/redshift-database/>

QUESTION 262

A Cloud Practitioner must determine if any security groups in an AWS account have been provisioned to allow unrestricted access for specific ports. What is the SIMPLEST way to do this?

- A. Review the inbound rules for each security group in the Amazon EC2 management console to check for port 0.0.0.0/0.
- B. Run AWS Trusted Advisor and review the findings.
- C. Open the AWS IAM console and check the inbound rule filters for open access.
- D. In AWS Config, create a custom rule that invokes an AWS Lambda function to review rules for inbound access.

Correct Answer: B

Explanation:

<https://docs.aws.amazon.com/AWSEC2/latest/WindowsGuide/ec2-security-groups.html>

QUESTION 263

What are the benefits of developing and running a new application in the AWS Cloud compared to on-premises? (Choose two.)

- A. AWS automatically distributes the data globally for higher durability.
- B. AWS will take care of operating the application.
- C. AWS makes it easy to architect for high availability.
- D. AWS can easily accommodate application demand changes.
- E. AWS takes care application security patching.

Correct Answer: CD

QUESTION 264

A user needs an automated security assessment report that will identify unintended network access to Amazon EC2 instances and vulnerabilities on those instances. Which AWS service will provide this assessment report?

- A. EC2 security groups
- B. AWS Config
- C. Amazon Macie
- D. Amazon Inspector

Correct Answer: D

Explanation:

Amazon Inspector is an automated security assessment service that helps improve the security and compliance of applications deployed on AWS. Amazon Inspector automatically assesses

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