Amazon

AWS-CSAA-2019

AWS Certified Solutions Architect – Associate

QUESTION 29
A Solutions Architect needs to design a solution that will enable a security team to detect, review, and perform root cause analysis of security incidents that occur in a cloud environment. The Architect must provide a centralized view of all API events for current and future AWS regions. How should the Architect accomplish this task?

A. Enable AWS CloudTrail logging in each individual region. Repeat this for all future regions.
B. Enable Amazon CloudWatch logs for all AWS services across all regions and aggregate them in a single Amazon S3 bucket.
C. Enable AWS Trusted Advisor security checks and report all security incidents for all regions.
D. Enable AWS CloudTrail by creating a new trail and apply the trail to all regions.

Answer: D

QUESTION 30
A company has a legacy application using a proprietary file system and plans to migrate the application to AWS. Which storage service should the company use?

A. Amazon DynamoDB
B. Amazon S3
QUESTION 31
A company plans to use AWS for all new batch processing workloads. The company’s developers use Docker containers for the new batch processing. The system design must accommodate critical and non-critical batch processing workloads 24/7. How should a Solutions Architect design this architecture in a cost-efficient manner?

A. Purchase Reserved Instances to run all containers. Use Auto Scaling groups to schedule jobs.
B. Host a container management service on Spot Instances. Use Reserved Instances to run Docker containers.
C. Use Amazon ECS orchestration and Auto Scaling groups: one with Reserve Instances, one with Spot Instances.
D. Use Amazon ECS to manage container orchestration. Purchase Reserved Instances to run all batch workloads at the same time.

Answer: C

QUESTION 32
A company is evaluating Amazon S3 as a data storage solution for their daily analyst report. The company has implemented stringent requirements concerning the security of the data at rest. Specifically, the CISO asked for the use of envelope encryption with separate permissions for the use of an envelope key, automated rotation of the encryption keys, and visibility into when an encryption key was used and by whom. Which steps should a Solutions Architect take to satisfy the security requirements requested by the CISO?

A. Create an Amazon S3 bucket to store the reports and use Server-Side Encryption with Customer-Provided Keys (SSE-C).
B. Create an Amazon S3 bucket to store the reports and use Server-Side Encryption with Amazon S3-Managed Keys (SSE-S3).
C. Create an Amazon S3 bucket to store the reports and use Server-Side Encryption with AWS KMS-Managed Keys (SSE-KMS).
D. Create an Amazon S3 bucket to store the reports and use Amazon s3 versioning with Server-Side Encryption with Amazon S3-Managed Keys (SSE-S3).

Answer: C
Reference https://noise.getoto.net/tag/customer-stories/

QUESTION 33
A customer has a production application that frequently overwrites and deletes data, the application requires the most up-to-date version of the data every time it is requested. Which storage should a Solutions Architect recommend to best accommodate this use case?

A. Amazon S3
B. Amazon RDS
C. Amazon RedShift
D. AWS Storage Gateway

Answer: A

QUESTION 34
A Solutions Architect is designing a photo application on AWS. Every time a user uploads a photo to Amazon S3, the Architect must insert a new item to a DynamoDB table. Which AWS-managed service is the BEST fit to insert the item?

A. Lambda@Edge
B. AWS Lambda
C. Amazon API Gateway
D. Amazon EC2 instances

Answer: B
