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Exam : **SAA-C02**

Title : AWS Certified Solutions
Architect – Associate

Version : DEMO

1.A company's website hosted on Amazon EC2 instances processes classified data stored in Amazon S3. Due to security concerns, the company requires a private and secure connection between its EC2 resources and Amazon S3.

Which solution meets these requirements?

- A. Set up S3 bucket policies to allow access from a VPC endpoint
- B. Set up an IAM policy to grant read-write access to the S3 bucket,
- C. Set up a NAT gateway to access resources outside the private subnet
- D. Set up an access key ID and a secret access key to access the S3 bucket

Answer: A

2.A company runs an application on a group of Amazon Linux EC2 instances. For compliance reasons, the company must retain all application log files for 7 years. The log files will be analyzed by a reporting tool that must be able to access all the files concurrently.

Which storage solution meets these requirements MOST cost-effectively?

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

Answer: D

3.A company processes large amounts of data. The output data is stored in Amazon S3 Standard storage in an S3 bucket, where it is analyzed for 1 month. The data must remain immediately accessible after the 1-month analysis period.

Which storage solution meets these requirements MOST cost-effectively?

- A. Configure an S3 Lifecycle policy to transition the objects to S3 Glacier after 30 days.
- B. Configure S3 Intelligent-Tiering to transition the objects to S3 Glacier after 30 days.
- C. Configure an S3 Lifecycle policy to transition the objects to S3 One Zone-Infrequent Access (S3 One Zone-IA) after 30 days.
- D. Configure an S3 Lifecycle policy to delete the objects after 30 days. Enable versioning on the S3 bucket so that deleted objects can still be immediately restored as needed.

Answer: B

4.A company hosts historical weather records in Amazon S3. The records are downloaded from the company's website by way of a URL that resolves to a domain name Users all over the world access this content through subscriptions A third-party provider hosts the company's root domain name, but the company recently migrated some of its services to Amazon Route 53. The company wants to consolidate contracts, reduce latency for users, and reduce costs related to serving the application to subscribers Which solution meets these requirements?

- A. Create a web distribution on Amazon CloudFront to serve the S3 content for the application Create a CNAME record in a Route 53 hosted zone that points to the CloudFront distribution, resolving to the application's URL domain name.
- B. Create a web distribution on Amazon CloudFront to serve the S3 content for the application. Create an ALIAS record in the Amazon Route 53 hosted zone that points to the CloudFront distribution, resolving to the application's URL domain name.

- C. Create an A record in a Route 53 hosted zone for the application. Create a Route 53 traffic policy for the web application, and configure a geolocation rule. Configure health checks to check the health of the endpoint and route DNS queries to other endpoints if an endpoint is unhealthy.
- D. Create an A record in a Route 53 hosted zone for the application. Create a Route 53 traffic policy for the web application, and configure a geoproximity rule. Configure health checks to check the health of the endpoint and route DNS queries to other endpoints if an endpoint is unhealthy.

Answer: B

5. A company is creating an architecture for a mobile app that requires minimal latency for its users. The company's architecture consists of Amazon EC2 instances behind an Application Load Balancer running in an Auto Scaling group. The EC2 instances connect to Amazon RDS. Application beta testing showed there was a slowdown when reading the data. However, the metrics indicate that the EC2 instances do not cross any CPU utilization thresholds.

How can this issue be addressed?

- A. Reduce the threshold for CPU utilization in the Auto Scaling group.
- B. Replace the Application Load Balancer with a Network Load Balancer.
- C. Add read replicas for the RDS instances and direct read traffic to the replica.
- D. Add Multi-AZ support to the RDS instances and direct read traffic to the new EC2 instance.

Answer: C