Amazon

SAA-C02
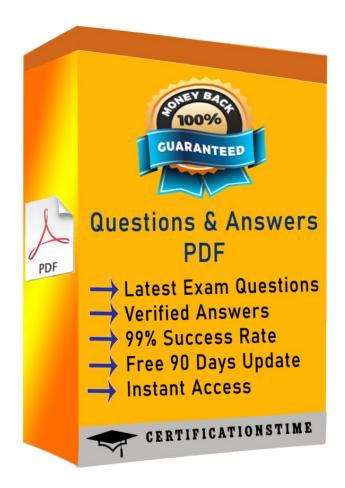
AWS Certified Solutions Architect - Associate (SAA-C02)

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QUESTION 1

A company plans to store sensitive user data on Amazon S3 internal security compliance requirement
mandate encryption of data before secured it to Amazon S3.
What should a solutions architect recommend to safely these requirements?
A. Server-side encryption with customer-provided encryption keys.
B. Client-side encryption with Amazon S3 managed encryption keys.
C. Service-side encryption with keys stored in AWS Management Service (AWS KMS)
D. Server-side encryption with a master stored in AWS Management Service (AWS KMS)

Correct Answer: D

QUESTION 2

A company has three VPCs named Development, Testing and Production in the us-east-1 Region. The three VPCs need to be connected to an on-premises data center and are designed to be separate to
maintain security and prevent any resource sharing A solutions architect needs to find a scalable and secure solution
What should the solutions architect recommend?
A. Create an AWS Direct Connect connection and a VPN connection for each VPC to connect back to the data center.
B. Create VPC peers from all the VPCs to the Production VPC Use an AWS Direct Connect connection from the Production VPC back to the data center
C. Connect VPN connections from all the VPCs to a VPN in the Production VPC. Use a VPN connection from the Production VPC back to the data center
D. Create a new VPC called Network Within the Network VPC create an AWS Transit Gateway with an
AWS Direct Connect connection back to the data center Attach all the other VPCs to the Network VPC.

Correct Answer: D

QUESTION 3

A company has a stateless web application that runs on AWS Lambda functions that are invoked by
Amazon API Gateway. The company wants to deploy the application across multiple AWS Regions to provide Regional failover capabilities.
What should a solutions architect do to route traffic to multiple Regions?
A. Configure Amazon Route 53 health checks for each Region. Use an active-active failover configuration.
B. Create an Amazon CloudFront distribution with an origin for each Region. Use CloudFront health checks to route traffic.
C. Create an AWS Transit Gateway Attach the transit gateway to the API Gateway endpoint in each
Region Configure the transit gateway to route requests.
D. Use AWS Global Accelerator to create an accelerator with endpoints in each Region. Allow Global Accelerator to automatically monitor the health of endpoints and route requests.

Correct Answer: A

QUESTION 4

A company wants to run a hybrid workload for data processing. The data needs to be accessed by onpremises applications for local data processing using an NFS protocol and must also be accessible
from the AWS Cloud for further analytics and batch processing
Which solution will meet these requirements?
A. Use an AWS Storage Gateway file gateway to provide file storage to AWS: then perform analytics on this data in the AWS Cloud
B. Use an AWS Storage Gateway tape gateway to copy the backup of the local data to AWS. Then perform analytics on this data in the AWS Cloud.
C. Use an AWS Storage Gateway volume gateway in a stored volume configuration to regularly take snapshots of the local data, then copy the data to AWS.
D. Use an AWS Storage Gateway volume gateway in a cached volume configuration to back up all the local storage in the AWS Cloud, then perform analytics on this data in the cloud.

Correct Answer: A

QUESTION 5

An administrator of a large company wants to monitor for and prevent any cryptocurrency-related attacks on the company's AWS accounts Which AWS service can the administrator use to protect the company against attacks?
A. Amazon Cognito
B. Amazon GuardDuty
C. Amazon Inspector
D. Amazon Macie

Correct Answer: B

QUESTION 6

A company has deployed a multiplayer game for mobile devices. The game requires live location
tracking of players based on latitude and longitude. The data store for the game must support rapid updates and retrieval of locations.
The game uses an Amazon RDS for PostgreSQL DB instance with read replicas to store the location
dat
a. During peak usage periods, the database is unable to maintain the performance that is needed for reading and writing updates. The game's user base is increasing rapidly.
What should a solutions architect do to improve the performance of the data tier?
A. Take a snapshot of the existing DB instance. Restore the snapshot with Multi-AZ enabled.
B. Migrate from Amazon RDS to Amazon Elasticsearch Service (Amazon ES) with Kibana.
C. Deploy Amazon DynamoDB Accelerator (DAX) in front of the existing DB instance. Modify the game to use DAX.
D. Deploy an Amazon ElastiCache for Redis cluster in front of the existing DB instance. Modify the game to use Redis.

Correct Answer: D

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