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SAA-C02 Exam

AWS Certified Solutions Architect - Associate

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DEMO VERSION (LIMITED CONTENT)

Questions & Answers

Version: 62.0

Topic 1, Exam Pool A

Question: 1

A company has a service that produces event dat
a. The company wants to use AWS to process the event data as it is received. The data is written in a specific order that must be maintained throughout processing The company wants to implement a solution that minimizes operational overhead.
How should a solutions architect accomplish this?
A. Create an Amazon Simple Queue Service (Amazon SQS) FIFO queue to hold messages Set up an AWS Lambda function to process messages from the queue
B. Create an Amazon Simple Notification Service (Amazon SNS) topic to deliver notifications containing payloads to process Configure an AWS Lambda function as a subscriber.
C. Create an Amazon Simple Queue Service (Amazon SQS) standard queue to hold messages. Set up an AWS Lambda function to process messages from the queue independently
D. Create an Amazon Simple Notification Service (Amazon SNS) topic to deliver notifications containing payloads to process. Configure an Amazon Simple Queue Service (Amazon SQS) queue as a subscriber.

Answer: A

Explanation:

Question: 2

A company currently has 250 TB of backup files stored in Amazon S3 in a vendor's proprietary format. Using a Linux-based software application provided by the vendor, the company wants to retrieve files from Amazon S3, transform the files to an industry-standard format, and re-upload them to Amazon S3. The company wants to minimize the data transfer charges associated with this conversion

What should a solutions architect do to accomplish this?

A. Install the conversion software as an Amazon S3 batch operation so the data is transformed without leaving Amazon S3
B. Install the conversion software onto an on-premises virtual machine. Perform the transformation and re-upload the files to Amazon S3 from the virtual machine.
C. Use AWS Snowball Edge devices to export the data and install the conversion software onto the devices. Perform the data transformation and re-upload the files to Amazon S3 from the Snowball Edge devices
D. Launch an Amazon EC2 instance in the same Region as Amazon S3 and install the conversion software onto the instance. Perform the transformation and re-upload the files to Amazon S3 from

the EC2 instance.

Answer: D

Explanation:

Question: 3

A company must migrate 20 TB of data from a data centre to the AWS Cloud within 30 days. The company's network bandwidth is limited to 15 Mbps and cannot exceed 70% utilization.
What should a solutions architect do to meet these requirements?

A. Use AWS Snowball.
B. Use AWS DataSync
C. Use a secure VPN connection.
D. Use Amazon S3 Transfer Acceleration

Answer: A

Explanation:

Question: 4

A solutions architect must create a highly available bastion host architecture. The solution needs to be resilient within a single AWS Region and should require only minimal effort to maintain.
What should the solutions architect do to meet these requirements?

A. Create a Network Load Balancer backed by an Auto Scaling group with a UDP listener.
B. Create a Network Load Balancer backed by a Spot Fleet with instances in a partition placement group.
C. Create a Network Load Balancer backed by the existing servers in different Availability Zones as the target.
D. Create a Network Load Balancer backed by an Auto Scaling group with instances in multiple Availability Zones as the target

Answer: D

Explanation:

Question: 5

A company is running a highly sensitive application on Amazon EC2 backed by an Amazon RDS database Compliance regulations mandate that all personally identifiable information (Pll) be encrypted at rest.
Which solution should a solutions architect recommend to meet this requirement with the LEAST amount of changes to the infrastructure?

A. Deploy AWS Certificate Manager to generate certificates Use the certificates to encrypt the database volume

B. Deploy AWS CloudHSM, generate encryption keys, and use the customer master key (CMK) to encrypt database volumes
C. Configure SSL encryption using AWS Key Management Service customer master keys (AWS KMS CMKs) to encrypt database volumes.
D. Configure Amazon Elastic Block Store (Amazon EBS) encryption and Amazon RDS encryption with AWS Key Management Service (AWS KMS) keys to encrypt instance and database volumes

Answer: D

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