

- **Vendor: Amazon**
- **Exam Code: SAA-C02**
- **Exam Name: AWS Certified Solutions Architect - Associate**
- **New Questions (May/2022)**

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NEW QUESTION 961

A company hosts a website on Amazon EC2 instances behind an Application Load Balancer (ALB). The website serves static content. Website traffic is increasing, and the company is concerned about a potential increase in cost. What should a solutions architect do to reduce the cost of the website?

- A. Create an Amazon CloudFront distribution to cache static files at edge locations.
- B. Create an Amazon ElastiCache cluster.
Connect the ALB to the ElastiCache cluster to serve cached files.
- C. Create an AWS WAF web ACL, and associate it with the ALB.
Add a rule to the web ACL to cache static files.
- D. Create a second ALB in an alternative AWS Region. Route user traffic to the closest Region to minimize data transfer costs.

Answer: C

NEW QUESTION 962

A company is running a critical business application on Amazon EC2 instances behind an Application Load Balancer. The EC2 instances run in an Auto Scaling group and access an Amazon RDS DB instance. The design did not pass an operational review because the EC2 instances and the DB instance are all located in a single Availability Zone. A solutions architect must update the design to use a second Availability Zone. Which solution will make the application highly available?

- A. Provision a subnet in each Availability Zone.
Configure the Auto Scaling group to distribute the EC2 instances across both Availability Zones.
Configure the DB instance with connections to each network.
- B. Provision two subnets that extend across both Availability Zones.
Configure the Auto Scaling group to distribute the EC2 instances across both Availability Zones.
Configure the DB instance with connections to each network.
- C. Provision a subnet in each Availability Zone.
Configure the Auto Scaling group to distribute the EC2 instances across both Availability Zones.
Configure the DB instance for Multi-AZ deployment.
- D. Provision a subnet that extends across both Availability Zones.
Configure the Auto Scaling group to distribute the EC2 instances across both Availability Zones.
Configure the DB instance for Multi-AZ deployment.

Answer: C

NEW QUESTION 963

The company wants to move the application from on premises to AWS. The company needs the ability to test new site features frequently. The company also needs a highly available and managed solution that requires minimum operational overhead. Which solution will meet these requirements?

- A. Create an Amazon S3 bucket. Enable static web hosting on the S3 bucket.
Upload the static content to the S3 bucket.
Use AWS Lambda to process all dynamic content.

- B. Deploy the web application to an AWS Elastic Beanstalk environment.
Use URL swapping to switch between multiple Elastic Beanstalk environments for feature testing.
- C. Deploy the web application to Amazon EC2 instances that are configured with Java and PHP.
Use Auto Scaling groups and an Application Load Balancer to manage the website's availability.
- D. Containerize the web application. Deploy the web application to Amazon EC2 instances.
Use the AWS Load Balancer Controller to dynamically route traffic between containers that contain the new site features for testing.

Answer: D

NEW QUESTION 964

A company stores confidential data in an Amazon Aurora PostgreSQL database in the ap-southeast-3 Region. The database is encrypted with an AWS Key Management Service (AWS KMS) customer managed key. The company was recently acquired and must securely share a backup of the database with the acquiring company's AWS account in ap-southeast-3. What should a solutions architect do to meet these requirements?

- A. Create a database snapshot.
Copy the snapshot to a new unencrypted snapshot.
Share the new snapshot with the acquiring company's AWS account.
- B. Create a database snapshot.
Add the acquiring company's AWS account to the KMS key policy.
Share the snapshot with the acquiring company's AWS account.
- C. Create a database snapshot that uses a different AWS managed KMS key.
Add the acquiring company's AWS account to the KMS key alias.
Share the snapshot with the acquiring company's AWS account.
- D. Create a database snapshot.
Download the database snapshot.
Upload the database snapshot to an Amazon S3 bucket.
Update the S3 bucket policy to allow access from the acquiring company's AWS account.

Answer: A

NEW QUESTION 965

A company has an on-premises MySQL database that handles transactional data. The company is migrating the database to the AWS Cloud. The migrated database must maintain compatibility with the company's applications that use the database. The migrated database also must scale automatically during periods of increased demand. Which migration solution will meet these requirements?

- A. Use native MySQL tools to migrate the database to Amazon RDS for MySQL.
Configure elastic storage scaling.
- B. Migrate the database to Amazon Redshift by using the mysqldump utility.
Turn on Auto Scaling for the Amazon Redshift cluster.
- C. Use AWS Database Migration Service (AWS DMS) to migrate the database to Amazon Aurora.
Turn on Aurora Auto Scaling.
- D. Use AWS Database Migration Service (AWS DMS) to migrate the database to Amazon DynamoDB.
Configure an Auto Scaling policy.

Answer: D

NEW QUESTION 966

A company is building an ecommerce application and needs to store sensitive customer information. The company needs to give customers the ability to complete purchase transactions on the website. The company also needs to ensure that sensitive customer data is protected, even from database administrators. Which solution meets these requirements?

- A. Store sensitive data in an Amazon Elastic Block Store (Amazon EBS) volume.
Use EBS encryption to encrypt the data.
Use an IAM instance role to restrict access.
- B. Store sensitive data in Amazon RDS for MySQL.
Use AWS Key Management Service (AWS KMS) client-side encryption to encrypt the data.
- C. Store sensitive data in Amazon S3.
Use AWS Key Management Service (AWS KMS) service-side encryption the data.
Use S3 bucket policies to restrict access.
- D. Store sensitive data in Amazon FSx for Windows Server.
Mount the file share on application servers.
Use Windows file permissions to restrict access.

Answer: C

NEW QUESTION 967

A company is launching a new application and will display application metrics on an Amazon CloudWatch dashboard. The company's product manager needs to access this dashboard periodically. The product manager does not have an AWS account. A solution architect must provide access to the product manager by following the principle of least privilege. Which solution will meet these requirements?

- A. Share the dashboard from the CloudWatch console.
Enter the product manager's email address, and complete the sharing steps.
Provide a shareable link for the dashboard to the product manager.
- B. Create an IAM user specifically for the product manager.
Attach the CloudWatch Read Only Access managed policy to the user.
Share the new login credential with the product manager.
Share the browser URL of the correct dashboard with the product manager.
- C. Create an IAM user for the company's employees.
Attach the View Only Access AWS managed policy to the IAM user.
Share the new login credentials with the product manager.
Ask the product manager to navigate to the CloudWatch console and locate the dashboard by name in the Dashboards section.
- D. Deploy a bastion server in a public subnet.
When the product manager requires access to the dashboard, start the server and share the RDP credentials.
On the bastion server, ensure that the browser is configured to open the dashboard URL with cached AWS credentials that have appropriate permissions to view the dashboard.

Answer: A

NEW QUESTION 968

A company runs a latency-sensitive gaming service in the AWS Cloud. The gaming service runs on a fleet of Amazon EC2 instances behind an Application Load Balancer (ALB). An Amazon DynamoDB table stores the gaming data. All the infrastructure is in a single AWS Region. The main user base is in that same Region. A solutions architect needs to update the architect to support a global expansion of the gaming service must operate with the least possible latency. Which solution will meet these requirements?

- A. Create an Amazon CloudFront distribution in front of the ALB.
- B. Deploy an Amazon API Gateway regional API endpoint. Integrate the API endpoint with the ALB.
- C. Create an accelerator in AWS Global Accelerator. Add a listener. Configure the endpoint to point to the ALB.
- D. Deploy the ALB and the fleet of EC2 instances to another Region. Use Amazon Route 53 geolocation routing.

Answer: C

NEW QUESTION 969

A company wants to migrate a Windows-based application from on premises to the AWS Cloud. The application has three tiers, a business tier, and a database tier with Microsoft SQL Server. The company wants to use specific features of SQL Server such as native backups and Data Quality Services. The company also needs to share files for process between the tiers. How should a solution architect design the architecture to meet these requirements?

- A. Host all three on Amazon instances. Use Amazon FSx File Gateway for file sharing between tiers.
- B. Host all three on Amazon EC2 instances. Use Amazon FSx for Windows file sharing between the tiers.
- C. Host the application tier and the business tier on Amazon EC2 instances. Host the database tier on Amazon RDS.
Use Amazon Elastic File system (Amazon EFS) for file sharing between the tiers.
- D. Host the application tier and the business tier on Amazon EC2 instances. Host the database tier on Amazon RDS.
Use a Provisioned IOPS SSD (io2) Amazon Elastic Block Store (Amazon EBS) volume for file sharing between the tiers.

Answer: B

NEW QUESTION 970

A company that recently started using AWS establishes a Site-to-Site VPN between its on-premises data center and AWS. The company's security mandate states that traffic originating from on premises should stay within the company's private IP space when communicating with an Amazon Elastic Container Service (Amazon ECS) cluster that is hosting a sample web application. Which solution meets this requirement?

- A. Configure a gateway endpoint for Amazon ECS. Modify the route table to include an entry pointing to the ECS cluster.
- B. Create a Network Load Balancer and AWS PrivateLink endpoint for Amazon ECS in the same VPC that is hosting the ECS cluster.
- C. Create a Network Load Balancer in one VPC and an AWS PrivateLink endpoint for Amazon ECS in another VPC. Connect the two by using VPC peering.
- D. Configure an Amazon Route record with Amazon ECS as the target.
Apply a server certificate to Route 53 from AWS Certificate Manager (ACM) for SSL offloading.

Answer: A

NEW QUESTION 971

A company needs to migrate a legacy application from an on-premises data center to the AWS Cloud because of hardware capacity constraints. The application runs 24 hours a day, & days a week,. The application database storage continues to grow over time. What should a solution architect do to meet these requirements MOST cost-effectively?

- A. Migrate the application layer to Amazon FC2 Spot Instances Migrate the data storage layer to Amazon S3.
- B. Migrate the application layer to Amazon EC2 Reserved Instances Migrate the data storage layer to Amazon RDS On-Demand Instances.
- C. Migrate the application layer to Amazon EC2 Reserved Instances Migrate the data storage layer to Amazon Aurora Reserved Instances.
- D. Migrate the application layer to Amazon EC2 On Demand Amazon Migrate the data storage layer to Amazon RDS Reserved Instances.

Answer: C

NEW QUESTION 972

A company needs to retain application logs files for a critical application for 10 years. The application team regularly accesses logs from the past month for troubleshooting, but logs older than 1 month are rarely accessed. The application generates more than 10 TB of logs per month. Which storage option meets these requirements MOST cost-effectively?

- A. Store the logs in Amazon S3. Use AWS Backup to move logs more than 1 month old to S3 Glacier Deep Archive.
- B. Store the logs in Amazon S3. Use S3 Lifecycle policies to move logs more than 1 month old to S3 Glacier Deep Archive.
- C. Store the logs in Amazon CloudWatch Logs. Use AWS Backup to move logs more then 1 month old to S3 Glacier Deep Archive.
- D. Store the logs in Amazon CloudWatch Logs. Use Amazon S3 Lifecycle policies to move logs more than 1 month old to S3 Glacier Deep Archive.

Answer: B

NEW QUESTION 973

A company has five organizational units (OUS) as part of its organization in AWS Organization. Each OU correlate to the five business that the company owns. The company research and development R&D business is separating from the company and will need its own organization. A solutions architect creates a separate new management account for this purpose. What should a solution architect recommend to meet these requirements?

- A. Have the R&D AWS account be part of both organizations during the transition.
- B. Invite the R&D AWS account to be part of the new organization after the R&D AWS account has left the prior organization.
- C. Create a new R&D AWS account in the new organization. Migrate resources from the period R&D AWS account to thee new R&D AWS account.
- D. Have the R&D AWS account into the now organisation. Make the now management account a member of the prior organisation.

Answer: B

NEW QUESTION 974

A company maintains a searchable repository of items on its website. The data is stored in an Amazon RDS for MySQL database table that contains more than 10 million rows. The database has 2 TB of General Purpose SSD storage. There are millions of updates against this data every day through the company's website. The company has noticed that some insert operations are taking 10 seconds or longer. The company has determined that the database storage performance is the problem. Which solution addresses this performance issue?

- A. Change the storage type to Provisioned IOPS SSD.

- B. Change the DB instance to a memory optimized instance class.
- C. Change the DB instance to a burstable performance instance class.
- D. Enable Multi-AZ RDS read replicas with MySQL native asynchronous replication.

Answer: A

NEW QUESTION 975

A company runs an application on Amazon EC2 instances. that are part of an Auto Scaling group Traffic to the application increases substantially during business hours. A solutions architect needs to implement an Auto Scaling policy that addresses user latency concerns during periods of high traffic. The company does not want to provision more compute man is necessary. What should me solutions architect do to meet these requirements?

- A. Configure a predictive scaling policy with the appropriate scaling metric.
- B. Configure a dynamic target tracking scaling policy with the appropriate scaling metric.
- C. Configure a scheduled scaling policy that launches additional EC2 instances during business hours.
- D. Configure dynamic step or simple scaling policies with Amazon CloudWatch alarms to add and remove EC2 instances based on alarm status.

Answer: C

NEW QUESTION 976

A company has a business-critical application that runs on Amazon bC2 instances. The application stores data m an Amazon DynamoDB table. The company must be able to revert the table to any point within the last 24 hours. Which solution meets these requirements with the LEAST operational overhead?

- A. Configure point-in-time recovery for the fabric.
- B. Use AWS Backup for the table.
- C. Use an AWS Lambda function to make an on demand backup of the table every hour.
- D. Turn on streams on the table to capture a log of all changes to the table in the last 24 hours. Store a copy of the stream in an Amazon S3 bucket.

Answer: A

NEW QUESTION 977

A web application must send order data to Amazon S3 to support near-time processing. A solutions architect needs to create an architecture that is scalable and fault tolerant. Which solutions meet these requirements? (Choose two.)

- A. Write the order event to an Amazon DynamoDB table DynamoDB table. Use Amazon DynamoDB.
- B. Streams to invoke an AWS Lambda function that parses the payload and writes the data to Amazon S3.
- C. Write the order event to an Amazon Simple Queue Service (Amazon SQS) queue. Use the queue to invoke an AWS Lambda function that parses the payload and writes the data to Amazon S3.
- D. Write the order event to an Amazon Simple Queue (Amazon SQS) queue. Use an Amazon EventBridge (Amazon CloudWatch Events) rule to invoke an AWS C. Lambda function that parses the payload and writes the data to Amazon S3.
- E. Write the order event to an Amazon Simple Notification Service (Amazon SNS) topic. Use an Amazon EventBridge (Amazon CloudWatch Events) rule to invoke an AWS Lambda function that parses the payload and writes the data to Amazon S3.

Answer: AB

NEW QUESTION 978

A company is designing an application that will run on an AWS Lambda function within a VPC Gateway API will invoke the Lambda function. A solution architect needs to recommend an Amazon CloudWatch solution that developers can use to identify the users who are generating the most network traffic. Which solution will meet these requirements?

- A. Configure CloudWatch Lambds insights Examine the network usage graph by using the multi-function view In the performance dashboard.
- B. Create a canary in CloudWatch Synthetics. Turn on active tracing Review the network usage graph in the Monitoring tab of the canary.
- C. Configure VPC How logs to stream to CloudWatch Logs. Create a CloudWatch Contributor Insights rule from the sample blueprint.
- D. Add The application to CloudWatch Application instants. View the graph for top network users in the dashboard that Application Insights creates automatically.

Answer: C

NEW QUESTION 979

A startup company is hosting a website for its customers on an Amazon EC2 instance. The website consists of a stateless python application and a MySQL database. The website serves only a small amount of traffic. The company is concerned about the reliability of the instance and needs to migrate to a highly available architecture. The company cannot modify the application code. Which combination of actions should a solution architect take to achieve high availability for the website? (Choose two.)

- A. Provision an internet gateway in each Availability Zone in use.
- B. Migrate the database to on Amazon RDS for MySQL Multi-AZ DB instance.
- C. Migrate the database to Amazon DynamoDB, and enable DynamoDB auto scaling.
- D. Use AWS DataSync to synchronize the database data across multiple EC2 instances.
- E. Create an Application Load Balancer to distribute traffic to an Auto Scaling group of EC2 instances that are distributed across two Availability Zones.

Answer: BE

NEW QUESTION 980

A company wants to reduce the cost of its existing three-tier web architect. The web, application, and database servers are running on Amazon EC2 instance EC2 instance for the development, test and production environments. The EC2 instances average 30% CPU utilization during peak hours and 10% CPU utilization during non-peak hours. The production EC2 instance purchasing solution will meet the company's requirements MOST cost-effectively?

- A. Use Spot Instances for the production EC2 instances. Use Reserved Instances for the development and test EC2 instances.
- B. Use Reserved Instances for the production EC2 instances. Use On-Demand Instances for the development and test EC2 instances.
- C. Use blocks for the production EC2 instances. Use Reserved instances for the development and test EC2 instances.
- D. Use On-Demand Instances for the production EC2 instances. Use Spot blocks for the development and test EC2 instances.

Answer: B

NEW QUESTION 981

A company is running a database on an Amazon RDS for MySQL DB instance. The company must maintain a near-real-time replica of the database on premises. The company needs to encrypt the data in transit and is using a 1 Gbps AWS Direct Connect connection. Which solution will meet these requirements?

- A. Use AWS Data Pipeline to replicate from AWS to on premises over an IPsec VPN on top of the Direct Connect connection.
- B. Use MySQL replication to replicate from AWS to on premises over an IPsec VPN on top of the Direct Connect connection.
- C. Use the RDS Multi-AZ feature. Choose on premises as the failover Availability Zone over an IPsec VPN on top of the Direct Connect connection.
- D. Use AWS Database Migration Service (AWS DMS) and Direct Connect with MACsec encryption to continuously replicate the data from AWS to on premises.

Answer: B

NEW QUESTION 982

A company wants to run applications in container in the AWS Cloud. Those applications are stateless and can tolerate disruptions. What should a solutions architect do to meet those requirements?

- A. Use Spot Instances in an Amazon EC2 Auto Scaling group to run the application containers.
- B. Use Spot Instances in an Amazon Elastic Kubernetes Service (Amazon EKS) managed node group.
- C. Use On-Demand Instances in an Amazon EC2 Auto Scaling group to run the application containers.
- D. Use On-Demand Instances in an Amazon Elastic Kubernetes Service (Amazon EKS) managed node group.

Answer: A

NEW QUESTION 983

A company has a web application that runs on Amazon EC2 instances. The company wants end users to authenticate themselves before they use the web application. The web application accesses AWS resources, such as Amazon S3 buckets, on behalf of users who are logged on. Which combination of actions must a solutions architect take to meet

these requirements? (Choose two.)

- A. Configure AWS App Mesh to log on users.
- B. Enable and configure AWS Single Sign-On in AWS Identity and Access Management (IAM).
- C. Define a default (AM) role for authenticated users.
- D. Use AWS Identity and Access Management (IAM) for user authentication.
- E. Use Amazon Cognito for user authentication.

Answer: BE

NEW QUESTION 984

A company uses 50 TB of data for reporting. The company wants to move this data from on premises to AWS. A custom application in the company's data center runs a weekly data transformation job. The company plans to pause the application until the data transfer is complete and needs to begin the transfer process as soon as possible. The data center does not have any available network bandwidth for additional workloads. A solutions architect must transfer the data and must configure the transformation job to continue to run in the AWS Cloud. Which solution will meet these requirements with the LEAST operational overhead?

- A. Use AWS DataSync to move the data. Create a custom transformation job by using AWS Glue.
- B. Order an AWS Snowcone device to move the data. Deploy the transformation application to the device.
- C. Order an AWS Snowball Edge Storage Optimized device. Copy the data to the device. Create a custom transformation job by using AWS Glue.
- D. Order an AWS Snowball Edge Storage Optimized device that includes Amazon EC2 compute. Copy the data to the device. Create a new EC2 instance on AWS to run the transformation application.

Answer: D

NEW QUESTION 985

A company's ecommerce website has unpredictable traffic and uses AWS Lambda functions to directly access a private Amazon RDS for PostgreSQL DB instance. The company wants to maintain predictable database performance and ensure that the Lambda invocations do not overload the database with too many connections. What should a solutions architect do to meet these requirements?

- A. Point the client driver at an RDS custom endpoint. Deploy the Lambda functions inside a VPC.
- B. Point the client driver at an RDS proxy endpoint. Deploy the Lambda functions inside a VPC.
- C. Point the client driver at an RDS custom endpoint. Deploy the Lambda functions outside a VPC.
- D. Point the client driver at an RDS proxy endpoint. Deploy the Lambda functions outside a VPC.

Answer: B

NEW QUESTION 986

The company wants the application to be highly available with minimum downtime and minimum loss of data. Which solution will meet these requirements with the LEAST operational effort?

- A. Place the EC2 instances in different AWS Regions.
Use Amazon Route 53 health checks to redirect traffic.
Use Aurora PostgreSQL Cross-Region Replication.
- B. Configure the Auto Scaling group to use multiple Availability Zones.
Configure the database as Multi-AZ.
Configure an Amazon RDS Proxy instance for the database.
- C. Configure the Auto Scaling group to use one Availability Zone.
Generate hourly snapshots of the database.
Recover the database from the snapshots in the event of a failure.
- D. Configure the Auto Scaling group to use multiple AWS Regions.
Write the data from the application to Amazon S3.
Use S3 Event Notifications to launch an AWS Lambda function to write the data to the database.

Answer: B

NEW QUESTION 987

A company stores millions of objects in Amazon S3. The data is in JSON format and Apache Parquet format. The data is partitioned and new objects are added daily. A solutions architect needs to create a solution so that employees can use SQL to perform one-time queries against all the data. The solution must avoid code changes and must minimize operational overhead. Which solution will meet these requirements?

- A. Use S3 Select to perform queries against all the S3 objects.
- B. Create an AWS Glue table and an AWS Glue crawler.
Schedule the crawler to run daily.
Perform queries with Amazon Athena.
- C. Create an Amazon EMR cluster.
Set up an EMR File System (EMRFS) to access the S3 bucket.
Perform queries with Apache Spark.
- D. Create an Amazon Redshift cluster.
Schedule an AWS Lambda function to perform the COPY command on the Redshift cluster to load the S3 data.
Perform queries on the Redshift cluster.

Answer: D

NEW QUESTION 988

A company wants to migrate its on-premises application to AWS. The application produces output files that vary in size from tens of gigabytes to hundreds of terabytes. The application data must be stored in a standard file system structure. The company wants a solution that scales automatically, is highly available, and requires minimum operational overhead. Which solution will meet these requirements?

- A. Migrate the application to run as containers on Amazon Elastic Container Service (Amazon ECS).
Use Amazon S3 for storage.
- B. Migrate the application to run as containers on Amazon Elastic Kubernetes Service (Amazon EKS).
Use Amazon Elastic Block Store (Amazon EBS) for storage.
- C. Migrate the application to Amazon EC2 instances in a Multi-AZ Auto Scaling group.
Use Amazon Elastic File System (Amazon EFS) for storage.
- D. Migrate the application to Amazon EC2 instances in a Multi-AZ Auto Scaling group.
Use Amazon Elastic Block Store (Amazon EBS) for storage.

Answer: C

NEW QUESTION 989

A hospital wants to create digital copies for its large collection of historical written records. The hospital will continue to add hundreds of new documents each day. The hospital's data team will scan the documents and will upload the documents to the AWS Cloud. A solutions architect must implement a solution to analyze the documents: extract the medical information, and store the documents so that an application can run SQL queries on the data. The solution must maximize scalability and operational efficiency. Which combination of steps should the solutions architect take to meet these requirements? (Choose two.)

- A. Write the document information to an Amazon EC2 instance that runs a MySQL database.
- B. Write the document information to an Amazon S3 bucket. Use Amazon Athena to query the data.
- C. Create an Auto Scaling group of Amazon EC2 instances to run a custom application that processes the scanned files and extracts the medical information.
- D. Create an AWS Lambda function that runs when new documents are uploaded. Use Amazon Rekognition to convert the documents to raw text. Use Amazon Transcribe Medical to detect and extract relevant medical information from the text.
- E. Create an AWS Lambda function that runs when new documents are uploaded. Use Amazon Textract to convert the documents to raw text. Use Amazon Comprehend Medical to detect and extract relevant medical information from the text.

Answer: AE

NEW QUESTION 990

A gaming company wants to launch a new internet-facing application in multiple AWS Regions. The application will use the TCP and UDP protocols for communication. The company needs to provide high availability and minimum latency for global users. Which combination of actions should a solutions architect take to meet these requirements? (Choose two.)

- A. Create internal Network Load Balancers in front of the application in each Region.
- B. Create external Application Load Balancers in front of the application in each Region.
- C. Create an AWS Global Accelerator accelerator to route traffic to the load balancers in each Region.
- D. Configure Amazon Route 53 to use a geolocation routing policy to distribute the traffic.
- E. Configure Amazon CloudFront to handle the traffic and route requests to the application in each Region.

Answer: AC

NEW QUESTION 991

A company has on-premises servers that run a relational database. The database serves high-read traffic for users in different locations. The company wants to migrate the database to AWS with the least amount of effort. The database solution must support high availability and must not affect the company's current traffic flow. Which solution meets these requirements?

- A. Use a database in Amazon RDS with Multi-AZ and at least one read replica.
- B. Use a database in Amazon RDS with Multi-AZ and at least one standby replica.
- C. Use databases that are hosted on multiple Amazon EC2 instances in different AWS Regions.
- D. Use databases that are hosted on Amazon EC2 instances behind an Application Load Balancer in different Availability Zones.

Answer: A

NEW QUESTION 992

A hospital recently deployed a RESTful API with Amazon API Gateway and AWS Lambda. The hospital uses API Gateway and Lambda to upload reports that are in PDF format and JPEG format. The hospital needs to modify the Lambda code to identify protected health information (PHI) in the reports. Which solution will meet these requirements with the LEAST operational overhead?

- A. Use existing Python libraries to extract the text from the reports and to identify the PHI from the extracted text.
- B. Use Amazon Textract to extract the text from the reports. Use Amazon SageMaker to identify the PHI from the extracted text.
- C. Use Amazon Textract to extract the text from the reports. Use Amazon Comprehend Medical to identify the PHI from the extracted text.
- D. Use Amazon Rekognition to extract the text from the reports. Use Amazon Comprehend Medical to identify the PHI from the extracted text.

Answer: A

NEW QUESTION 993

A company wants to create a mobile app that allows users to stream slow-motion video clips on their mobile devices. Currently, the app captures video clips and uploads the video clips in raw format into an Amazon S3 bucket. The app retrieves these video clips directly from the S3 bucket. However the videos are large in their raw format. Users are experiencing issues with buffering and playback on mobile devices. The company wants to implement solutions to maximize the performance and scalability of the app while minimizing operational overhead. Which combination of solutions will meet these requirements? (Choose two.)

- A. Deploy Amazon CloudFront for content delivery and caching.
- B. Use AWS DataSync to replicate the video files across AWS Regions in other S3 buckets.
- C. Use Amazon Elastic Transcoder to convert the video files to more appropriate formats.
- D. Deploy an Auto Scaling group of Amazon EC2 instances in Local Zones for content delivery and caching.
- E. Deploy an Auto Scaling group of Amazon EC2 instances to convert the video files to more appropriate formats.

Answer: CD

NEW QUESTION 994

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