utilization.
E. Use scheduled scaling to change the Auto Scaling group minimum, maximum, and desired capacity to zero for weekends. Revert to the default values at the start of the week.

Correct Answer: DE

QUESTION 233
A company has established a new AWS account. The account is newly provisioned and no changes have been made to the default settings. The company is concerned about the security of the AWS account root user. What should be done to secure the root user?

A. Create IAM users for daily administrative tasks. Disable the root user.
B. Create IAM users for daily administrative tasks. Enable multi-factor authentication on the root user.
C. Generate an access key for the root user. Use the access key for daily administration tasks instead of the AWS Management Console.
D. Provide the root user credentials to the most senior solutions architect. Have the solutions architect use the root user for daily administration tasks.

Correct Answer: B

QUESTION 234
A company wants to host a web application on AWS that will communicate to a database within a VPC. The application should be highly available. What should a solutions architect recommend?

A. Create two Amazon EC2 instances to host the web servers behind a load balancer and then deploy the database on a large instance.
B. Deploy a load balancer in multiple Availability Zones with an Auto Scaling group for the web servers, and then deploy Amazon RDS in multiple Availability Zones.
C. Deploy a load balancer in the public subnet with an Auto Scaling group for the web servers, and then deploy the database on an Amazon EC2 instance in the private subnet.
D. Deploy two web servers with an Auto Scaling group, configure a domain that points to the two web servers, and then deploy a database architecture in multiple Availability Zones.

Correct Answer: D

QUESTION 235
A solutions architect needs to ensure that API calls to Amazon DynamoDB from Amazon EC2 instances in a VPC do not traverse the internet. What should the solutions architect do to accomplish this? (Select TWO.)

A. Create a route table entry for the endpoint.
B. Create a gateway endpoint for DynamoDB.
C. Create a new DynamoDB table that uses the endpoint.
D. Create an ENI for the endpoint in each of the subnets of the VPC.
E. Create a security group entry in the default security group to provide access.

Correct Answer: AB

QUESTION 236
A company runs an application on a large fleet of Amazon EC2 instances. The application reads

and write entries into an Amazon DynamoDB table. The size of the OynamoDB table continuously grows but the application needs only data from the last 30 days. The company needs a solution that minimizes cost and development effort. Which solution meets these requirements?

A. Use an AWS CloudFormation template to deploy the complete solution Redeploy the Cloud Formation stack every 30 days, and delete the original stack.
B. Use an EC2 instance that runs a monitoring application from AWS Marketplace. Configure the monitoring application to use Amazon DynamoOB Streams to store the timestamp when a new item is created in the table. Use a script that runs on the EC2 instance to delete items that have a timestamp that is older than 30 days.
C. Configure Amazon DynamoDB Streams to invoke an AWS Lambda function when a new item is created in the table. Configure the Lambda function to delete items m the table that are older than 30 days.
D. Extend the application to add an attribute that has a value of the current timestamp plus 30 days to each new item that is created in the table. Configure DynamoDB to use the attribute as the TTL attribute.

Correct Answer: B

QUESTION 237
A solutions architect plans to convert a company's monolithic web application into a multi-tier application. The company wants to avoid managing its own Infrastructure. The minimum requirements for the web application are high availability, scalability, and regional low latency during peak hours. The solution should also store and retrieve data with millisecond latency using the application's API. Which solution meets these requirements?

A. Use AWS Fargate to host the web application with backend Amazon RDS Multi-AZ DB instances.
B. Use Amazon API Gateway with an edge-optimized API endpoint. AWS Lambda for compute, and Amazon DynamoDB as the data store.
C. Use an Amazon Route 53 routing policy with geolocation that points to an Amazon S3 bucket with static website hosting and Amazon DynamoDB as the data store.
D. Use an Amazon CloudFront distribution that points to an Elastic Load Balancer with an Amazon EC2 Auto Scaling group, along with Amazon RDS Multi-AZ DB instances.

Correct Answer: B

QUESTION 238
A company is rebelling its data canter and wants to securely transfer 50 TB of data to AWS within 2 weeks. The existing data center has a Site-to-Site VPN connection to AWS that is 90 % utilized. Which AWS service should a solutions architect use to meet these requirements?

A. AWS DataSync with a VPC endpoint
B. AWS Direct Conned
C. AWS Snowball Edge Storage Optimized
D. AWS Storage Gateway

Correct Answer: C

QUESTION 239
A company has primary and secondary data canters that are 500 miles (804.7 km) apart and Interconnected with high-speed fiber.optic cable. The company needs a highly available and secure network connection between its data centers and a VPC on AWS for a mission-critical

workload. A solutions architect must choose a connection solution that provides maximum resiliency. Which solution meets these requirements?

A. Two AWS Direct Connect connections from the primary data center terminating at two Direct Connect locations on two separate devices
B. A single AWS Direct Connect connection from each of the primary and secondary data centers terminating at one Direct Connect location on the same device
C. Two AWS Direct Connect connections from each of the primary and secondary data centers terminating at two Direct Connect locations on two separate devices
D. A single AWS Direct Connect connection from each of the primary and secondary data centers terminating at one Direct Conned location on two separate devices

Correct Answer: C

QUESTION 240
A company runs its Infrastructure on AWS and has a registered base of 700.000 users for res document management application. The company intends to create a product that converts large pdf files to jpg Imago files. The .pdf files average 5 MB in size. The company needs to store the original files and the converted files. A solutions architect must design a scalable solution to accommodate demand that will grow rapidly over lime. Which solution meets these requirements MOST cost-effectively?

A. Save the pdf files to Amazon S3 Configure an S3. PUT event to invoke an AWS Lambda function to convert the files to jpg format and store them back in Amazon S3.
B. Save the pdf files to Amazon DynamoDB. Use the DynamoDB Streams feature to invoke an AWS Lambda function to convert the files to jpg format and store them hack in DynamoDB.
C. Upload the pdf files to an AWS Elastic Beanstalk application that includes Amazon EC2 instances. Amazon Elastic Block Store (Amazon EBS) storage and an Auto Scaling group. Use a program In the EC2 instances to convert the files to jpg format Save the .pdf files and the .jpg files In the EBS store.
D. Upload the .pdf files to an AWS Elastic Beanstalk application that includes Amazon EC2 instances, Amazon Elastic File System (Amazon EPS) storage, and an Auto Scaling group. Use a program in the EC2 instances to convert the file to jpg format Save the pdf files and the jpg files in the EBS store.

Correct Answer: D

QUESTION 241
A company stores can wordings on a monthly basis. Users access lie recorded files randomly within 1 year of recording, but users rarely access the files after 1 year. The company wants to optimize its solution by allowing only files that ant newer than 1 year old to be queried and retrieved as quickly as possible. A delay in retrieving older fees is acceptable. Which solution meets these requirements MOST cost-effectively?

A. Store individual files in Amazon S3. Glacier Store search metadata in object tags that are created in S3 Glacier Query the S3 Glacier tags to retrieve the files from S3 Glacier.
B. Store individual files in Amazon S3. Use S3 Lifecycle polices to move the ties to S3 Glacier after 1 year. Query and retrieve the files that are in Amazon S3 by using Amazon Athena. Query and retrieve the files that are in S3 Glacier by using S3 Glacier Select.
C. Store Individual files In Amazon S3. Store search metadata for each archive In Amazon S3 Use S3 Lifecycle policies to move the ties to S3 Glacier after 1 year Query and retrieve tie flies by searching for metadata from Amazon S3.

D. Store individual files in Amazon S3. Use S3 Lifecycle policies to move the files to S3 Glacier after 1 year. Store search metadata in Amazon RDS Query the Sea from Amazon RDS Retrieve the files from Amazon S3 or S3 Glacier.

Correct Answer: D

QUESTION 242
A development team is collaborating with another company to create an integrate product. The other company needs to access an Amazon Simple Queue Service (Amazon SOS) queue that is contained in the development team's account. The other company wants to poll the queue without giving up its own account permissions to do so. How should a solutions architect provide access to the 303 queue?

A. Create an Instance profile that provides the other company access to the SOS queue.
B. Create an IAM policy that provides the other company access to the SOS queue.
C. Create an SOS access policy that provides the other company access to the SOS queue.
D. Create an Amazon Simple Notification Service (Amazon SNS) aeons policy that provides the other company access to the SOS queue.

Correct Answer: C

QUESTION 243
A company has an AWS Lambda function that needs read access to an Amazon S3 bucket that is located in the same AWS account. Which solution will meet these requirement in the MOST secure manner?

A. Apply an S3 bucket pokey that grants road access to the S3 bucket.
B. Apply an IAM role to the Lambda function. Apply an IAM policy to the role to grant read access to the S3 bucket.
C. Embed an access key and a secret key. In the Lambda function's coda to grant the required IAM permissions for read access to the S3 bucket.
D. Apply an IAM role to the Lambda function. Apply an IAM policy to the role to grant read access to all S3 buckets In the account.

Correct Answer: B

QUESTION 244
A solutions architect is implementing a document review application using an Amazon S3 bucket for storage. The solution must prevent accidental deletion of the documents and ensure that all versions of the documents are available. Users must be able to download, modify, and upload documents. Which combination of actions should be taken to meet these requirements? (Select TWO.)

A. Enable a read-only bucket ACL.
B. Enable versioning on the bucket.
C. Attach an IAM policy to the bucket
D. Enable MFA Delete on the bucket.
E. Encrypt the bucket using AWS KMS.

Correct Answer: BD

QUESTION 245
A company runs an internet-facing web application on AWS. The company uses Amazon Route 53 for DNS management and has a public hosted zone lo route traffic from the internet to the application. The company wants to tog DNS response codes to help system administrators perform any root cause analysis in the future. Which solution will meet these requirements?

A. Use Route 53 to configure query togging
B. Use AWS CloudTrail lo record ail Route 53 queries
C. Use Amazon CloudWatch to record and process Route 53 metrics
D. Use AWS Trusted Advisor to perform on-demand root cause analysis

Correct Answer: A

QUESTION 246
A company runs an application in the AWS Cloud and uses Amazon DynamoDB as the database. The company deploys Amazon EC2 instances to a private network to process data horn the database. The company uses two NAT instances to provide connectivity lo DynamoDB. The company wants to retire the NAT instances. A solutions architect must implement a solution that provides connectivity to DynamoDB and that does not require ongoing management. What Is the MOST cost-effective solution that meets these requirements?

A. Create a gateway VPC endpoint to provide connectivity to DynamoDB.
B. Configure a managed NAT gateway to provide connectivity to DynamoDB.
C. Establish an AWS Direct Connect connection behaviour to private network and DynamoDB.
D. Deploy an AWS PrivateLink endpoint service between the private network and DynamoDB.

Correct Answer: A

QUESTION 247
A company used an AWS Direct Connect connection to copy 1 PB of data from a colocation facility to an Amazon S3 bucket in the us-east-1 Region. The company now wants to copy the data to another S3 bucket in the us-weet-2 Region. Which solution will meet this requirement?

A. Use an AWS Snowball Edge Storage Optimized device to copy the data from the colocation facility to ua-weet-2.
B. Use the S3 console to copy the data horn the source S3 bucket to the target S3 bucket.
C. Use S3 Transfer Acceleration and the S3 copy-object command to copy the data from the source S3 bucket to the target S3 bucket.
D. Add an S3 Cross-Region Replication configuration to copy the data from the source S3 bucket to the target S3 bucket.

Correct Answer: D

QUESTION 248
A company wants to host a scalable web application on AWS The application will be accessed by users from different geographic regions of the world. Application users will be able to download and upload unique data up to gigabytes in size. The development team wants a cost-effective solution to minimize upload and download latency and maximize performance. What should a solutions architect do to accomplish this?

A. Use Amazon S3 with Transfer Acceleration to host the application.
B. Use Amazon S3 with CacheControl headers to host the application.
C. Use Amazon EC2 with Auto Scaling and Amazon CloudFront to host the application.