SOS) queue to which the teams can subscribe.

Correct Answer: C

QUESTION 293
A law firm needs to share information with the public. The information includes hundreds of files that must be publicly readable. Modifications or deletions of the files by anyone before a designated future date are prohibited. Which solution will meet these requirements in the MOST secure way?

A. Upload all tiles to an Amazon S3 bucket that is configured for static website hosting. Grant read-only IAM permissions to any AWS principals that access the S3 bucket until the designated date.
B. Create a new Amazon S3 bucket with S3 Versioning enabled. Use S3 Object Lock with a retention period in accordance with the designated dale. Configure the S3 bucket for static website hosting Set an S3 bucket policy to allow read-only access to the objects.
C. Create a new Amazon S3 bucket with S3 Versioning enabled. Configure an event trigger to run an AWS Lambda function in case of object modification or deletion. Configure the Lambda function to replace the objects with the original versions from a private S3 bucket.
D. Upload all files to an Amazon S3 bucket that is configured for static website hosing. Select the folder that contains the files. Use S3 Object Lock with a retention period m accordance with the designated date. Grant read-only IAM permissions to any AWS principals that access the S3 bucket.

Correct Answer: B

QUESTION 294
A company is running a multi-tier recommence web application in the AWS Cloud. The application runs on Amazon EC2 instances with an Amazon RDS for MySQL Multi-AZ OB instance. Amazon ROS is configured with the latest generation DB instance with 2.000 GB of storage. In a General Purpose SSD (gp3) Amazon Elastic Block Store (Amazon EBSI) volume. The database performance affects the application during periods high demand. A database administrator analyzes the logs in Amazon CloudWatch Logs and discovers that the application performance always degrades when the number of read and write IOPS is higher than 20.000. What should a solutions architect do to improve the application performance?

A. Replace the volume with a magnetic volume.
B. Increase the number of IOPS on the gp3 volume.
C. Replace the volume with a Provisioned IOPS SSD (Io2) volume.
D. Replace the 2.000 GB gp3 volume with two 1.000 GB gp3 volumes.

Correct Answer: C

QUESTION 295
A company is hosting its website by using Amazon EC2 instances behind an Elastic Load balancer across multiple Availability Zones. The instances run in an EC2 Scaling group. The website uses Amazon Elastic Block Store (Amazon EBS) volume to store product manuals for users to download. The company updates the product content often, so new instances launched by the Auto Scaling group often have data. It can take to 30 minutes for the new instances to

receive all the updates. The updates also require the EBS volumes to be resized during business hours. The company wants to ensure that the product manuals are always up to data on all instances and that the architecture adjusts quickly to increased user demand. A solutions architect needs to meet these requirements without causing the company to update. Its application code or adjust its website. What should the solutions architect do to accomplish this goal?

A. Store the product manuals in an EBS volume Mount that volume to the EC2 instances.
B. Store the product manuals in an Amazon S3 bucket Redirect the downloads to this bucket.
C. Store the product manuals in an Amazon Elastic File System (Amazon EFS) volume. Mount that volume to the EC2 instances.
D. Store the product manuals in an Amazon S3 Standard-Infrequent Access (S3 Standard-IA) bucket. Redirect the downloads to this bucket.

Correct Answer: C

QUESTION 296
A company uses Amazon Redshift for to data warehouse. The company wants to ensure high durability for its data in case of any component failure. What should a solution architect recommend?

A. Enable concurrency scaling
B. Enable cross-Region snapshots
C. Increase the data retention period
D. Deploy Amazon Redshift in Multi-AZ

Correct Answer: D

QUESTION 297
A company has a web server running on an Amazon EC2 instance in public subnet with an Elastic IP address. The default security group is assigned to the EC2 instances. The default network ACL has been modified to block all traffic. A solution architect needs to make the web server accessible from everywhere on port 443. Which combination of steps will accomplish this task? (Select TWO)

A. Create a security group with a rule to allow TCP port 443 from source 0.0.0.0/4.
B. Create a security group with a rule to allow TCP port 443 to destination 0.0.0.0/0.
C. Update the network ACL to allow TCP port 443 from source 0.0.0.0/0.
D. Update the network ACL to allow inboundoutbound TCP port 443 from source 0.0.0.0/0 and to destination 0.0.0.0/0.
E. Update the network ACL to allow inbound TCP port 443 from source 0.0.0.010 and outbound TCP port 32766-65535 to destination 0.0.0.0/0.

Correct Answer: AE

QUESTION 298
A company is managing health records on-peruses. The company must keep these records Indefinitely, disable any modifications to the records once they are stored, and granularly audit access at all levels. The chief technology officer (CTO) is concerned because there are already millions of record not being used by any application, and the current infrastructure is running out of space. The CTO has requested solutions architect design a solution to move easting data and support future records. Which services can the solutions architect recommend to meet these

requirements?

A. Use AWS DataSync to move existing data to AWS. Use Amazon S3 to store existing and new data. Enable Amazon S3 object lock and enable AWS CloudTrail with data events.
B. Use AWS Storage Gateway to move existing data to AWS. Use Amazon S3 to store existing and new data. Enable Amazon S3 object lock and enable AWS CloudTrail with management events.
C. Use AWS DataSync to move exiting data to AWS. Use Amazon S3 to store existing and new data. Enable Amazon S3 object lock and enable AWS CloudTrail with management events.
D. Use AWS Storage Gateway to move existing data to AWS. Use Amazon Elastic Block Stores (Amazon EBS) to store existing and new data. Enable Amazon S3 object lock and enable Amazon S3 server access logging.

Correct Answer: A

QUESTION 299
A company has a corporate network on premises and has three VPCs in the AWS Cloud. The company has one VPC each for development, test, and production. The company wants its system administrators to security gain remote command-line access from the corporate network to Amazon EC2 instances in the VPCs. Which solution meets these requirements MOST cost-effectively?

A. Set up a VPN connection between the corporate network and each of the three VPCs by using AWS VPN. Use Remote Desktop Protocol (RDP) or SSH over the VPN connection to access the EC2 instances remotely.
B. Configure the EC2 instances to use an instance profile that trusts AWS Systems Manager. Use Systems Manager Session Manager to gain console access to the EC2 instances.
C. Create a new VPC Purchase and install a virtual router from AWS Marketplace Establish a VPN connection from the corporate network to this router. Establish another VPN connection from the router to the other three VPCs. Use Remote Desktop Protocol (RDP) or SSH over the VPN connection to access the EC2 instances remotely.
D. Create a new VPC Establish a VPN connection to the new VPC. Configure peering connections between the new VPC and the existing VPCs In the new VPC create an EC2 bastion host to serve as a jump box lo EC2 instances in the other VPCs. Use Remote Desktop Protocol (RDP) or SSH over the VPN connection to the bastion host.

Correct Answer: A

QUESTION 300
A company's web application is running on Amazon EC2 instances behind an application Load Balancer. The company changed its policy, which now requires the application to be accessed from one specific country only. Which configuration will meet this requirement?

A. Configure the security group for the EC2 Instances
B. Configure the security group on the Application Load Balancer
C. Configure AWS WAF on the Application Load Balancer in a VPC
D. Configure the network ACL for the subnet that contains the EC2 instances

Correct Answer: C

QUESTION 301
A solution architect is designing he architect of a new application being deployed to the AWS Cloud. The application will run on Amazon EC2 On-Demand instances and will automatically

scale across multiple Availability Zones. The EC2 instances will scale up and down frequently the day. An Application load balancer (ALB) will handle the load distribution. The architecture needs to support distributed session data management. The company is willing to make charges to code if needed. What should the solutions architect do to ensure that the architecture supports distributed session data management?

A. Use Amazon ElastiCache to manage and store session data.
B. Use session affinity (sticky sessions) of the ALB to manage session data.
C. Use Session Manager from AWS Systems Manager to manage the session.
D. Use the GetSessionToken API operation in AWS Security Token Service (AWS STS) to manage the session.

Correct Answer: A

QUESTION 302
A company runs an online marketplace web application on AWS. The application serves hundreds of thousands of users during peak hours. The company needs a scalable, near-real-time solution to share the details of millions of financial transactions with several other internal applications. Transactions also need to be processed to remove sensitive data before being stored in a document database for low-latency retrieval. What should a solutions architect recommend to meet these requirements?

A. Store the transactions data into Amazon DynamoDB Set up a rule in DynamoDB to remove sensitive data from every transaction upon write. Use DynamoDB Streams to share the transactions data with other applications.
B. Stream the transactions data into Amazon Kinesis Data Firehose to store data in Amazon DynamoDB and Amazon S3 Use AWS Lambda integration with Kinesis Data Firehose to remove sensitive data. Other applications can consume the data stored in Amazon S3.
C. Stream the transactions data into Amazon Kinesis Data Streams Use AWS Lambda integration to remove sensitive data from every transaction and then store the transactions data in Amazon DynamoDB Other applications can consume the transactions data off the Kinesis data stream.
D. Store the batched transactions data in Amazon S3 as files. Use AWS Lambda to process every file and remove sensitive data before updating the files in Amazon S3. The Lambda function then stores the data in Amazon DynamoDB Other applications can consume transaction files stored in Amazon S3.

Correct Answer: B

QUESTION 303
A company collects 10 GB of telemetry data dairy from various machines. The company stores the data in an Amazon S3 bucket in a source data account. The company has hired several consuming agencies to use this data for analysis. Each agency needs read access to the data for its analysis. The company must share the data from tie source data account by choosing a solution that maximizes security and operational efficiency. Which solution will meet these requirements?

A. Configure S3 global tables to replicate data tor each agency.

B. Make the S3 bucket public for a limited time Inform only the agencies.
C. Configure cross-account access for the S3 bucket to the accounts that the agencies own.
D. Set up an IAM user for each analyst In the source data account Grant each user access to the S3 bucket.

Correct Answer: A

QUESTION 304
A company hosts a popular website in the AWS Cloud. A solutions architect needs to provide reports about user click behaviour in near-real time as users navigate the website. Which solution will meet this requirement?

A. Store the clickstream data in Amazon DynamoDB. Deploy an application that runs on AWS Elastic Beanstalk to process and analyze the data.
B. Push the clickstream data from each session to an Amazon Kinesis data stream. Analyze the dab by using Amazon Kinesis Data Analytics.
C. Store the clickstream data in an Amazon S3 bucket. Order the data by timestamp. Process the data with an AWS Lambda function that is subscribed to object creation events on the S3 bucket.
D. Forward the clickstream data to Amazon Simple Queue Service (Amazon SOS). Store the data In an Amazon ROS for MySQL DB instance. Deploy Amazon FC2 Instances to process and analyze the data.

Correct Answer: B

QUESTION 305
A company has an on-premises MySQL database used by the global tales team with infrequent access patterns. The sales team requires the database to have minimal downtime. A database administrate wants to migrate this database to AWS without selecting a particular instance type in anticipation of more users In the future. Which service should a solutions architect recommend?

A. Amazon Aurora MySQL
B. Amazon Aurora Serverless tor MySQL
C. Amazon Redshift Spectrum
D. Amazon RDS for MySQL

Correct Answer: B

QUESTION 306
A company is building a disaster recovery (DR) solution. The company wants to rotate its primary systems between AWS Regions on a regular basis. The company's application is geographically distributed and includes a serverless web tier. The application's database tier runs on Amazon Aurora. A solutions architect needs to build an architecture tor the database layer to implement managed, planned failover. Which combination of actions will meet these requirements with the LEAST downtime? (Select TWO)

A. Create an Aurora DB cluster Configure Aurora Replicas
B. Fail over to one of the secondary DB clusters from another Region