➢ **Vendor: Amazon**

➢ **Exam Code: SAA-C02**

➢ **Exam Name: AWS Certified Solutions Architect - Associate**

➢ **New Questions (July/2020)**

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NEW QUESTION 190
A solutions architect is helping a developer design a new ecommerce shopping cart application using AWS services. The developer is unsure of the current database schema and expects to make changes as the ecommerce site grows. The solution needs to be highly resilient and capable of automatically scaling read and write capacity. Which database solution meets these requirements?

A. Amazon Aurora PostgreSQL.
B. Amazon DynamoDB with on-demand enabled.
C. Amazon DynamoDB with DynamoDB Streams enabled.
D. Amazon SQS and Amazon Aurora PostgreSQL.

Answer: A

NEW QUESTION 191
A company has a web application with sporadic usage patterns. There is heavy usage at the beginning of each month, moderate usage at the start of each week, and unpredictable usage during the week. The application consists of a web server and a MySQL database server running inside the data center. The company would like to move the application to the AWS Cloud, and needs to select a cost-effective database platform that will not require database modifications. Which solution will meet these requirements?

A. Amazon DynamoDB.
B. Amazon RDS for MySQL.
C. MySQL-compatible Amazon Aurora Serverless.
D. MySQL deployed on Amazon EC2 in an Auto Scaling group.

Answer: B

NEW QUESTION 192
A solutions architect is designing a mission-critical web application. It will consist of Amazon EC2 instances behind an Application Load Balancer and a relational database. The database should be highly available and fault tolerant. Which database implementations will meet these requirements? (Choose two.)

A. Amazon Redshift.
B. Amazon DynamoDB.
C. Amazon RDS for MySQL.
D. MySQL-compatible Amazon Aurora Multi-AZ.
E. Amazon RDS for SQL Server Standard Edition Mufti-AZ.

Answer: AD

NEW QUESTION 193
A company has a website running on Amazon EC2 instances across two Availability Zones. The company is expecting spikes in traffic on specific holidays, and wants to provide a consistent user experience. How can a solutions architect meet this requirement?

A. Use step scaling.
B. Use simple scaling.
C. Use lifecycle hooks.
D. Use scheduled scaling.

Answer: D

NEW QUESTION 194
A company has 150 TB of archived image data stored on-premises that needs to be mowed to the AWS Cloud within the next month. The company's current network connection allows up to 100 Mbps uploads for this purpose during the night only. What is the MOST cost-effective mechanism to move this data and meet the migration deadline?

A. Use AWS Snowmobile to ship the data to AWS.
B. Order multiple AWS Snowball devices to ship the data to AWS.
C. Enable Amazon S3 Transfer Acceleration and securely upload the data.
D. Create an Amazon S3 VPC endpoint and establish a VPN to upload the data.

Answer: B

NEW QUESTION 195
A company is migrating to the AWS Cloud. A file server is the first workload to migrate. Users must be able to access the file share using the Server Message Block (SMB) protocol. Which AWS managed service meets these requirements?

A. Amazon EBS
B. Amazon EC2
C. Amazon FSx
D. Amazon S3

Answer: D

NEW QUESTION 196
A company's website provides users with downloadable historical performance reports. The website needs a solution that will scale to meet the company's website demands globally. The solution should be cost effective, limit the? provisioning of Into and provide the fastest possible response time. Which combination should a solutions architect recommend to meet these requirements?

A. Amazon CloudFront and Amazon S3.
B. AWS Lambda and Amazon Dynamo.
C. Application Load Balancer with Amazon EC2 Auto Scaling.
D. Amazon Route 53 with internal Application Load Balances.

Answer: C

NEW QUESTION 197
A company uses Amazon S3 as its object storage solution. The company has thousands of S3 it uses to store data. Some of the S3 bucket have data that is accessed less frequently than others. A solutions architect found that lifecycle policies are not consistently implemented or are implemented partially. resulting in data being stored in high-cost storage. Which solution will lower costs without compromising the availability of objects?

A. Use S3 ACLs.
B. Use Amazon Elastic Block Store EBS) automated snapshots.
C. Use S3 inteligent-Tiering storage.
D. Use S3 One Zone-infrequent Access (S3 One Zone-IA).

Answer: B

NEW QUESTION 198
A solution architect must migrate a Windows internet information Services (IIS) web application to AWS. The application currently relies on a file share hosted in the user's on-premises network-attached storage (NAS). The solution architected has proposed migrating the IIS web servers Which replacement to the on-promises filo share is MOST resilient and durable?

A. Migrate the file Share to Amazon RDS.
B. Migrate the tile Share to AWS Storage Gateway.
C. Migrate the file Share to Amazon FSx dor Windows File Server.

D.   Migrate the tile share to Amazon Elastic File System (Amazon EFS).

Answer: A

NEW QUESTION 199
A company is seeing access requests by some suspicious IP addresses. The security team discovers the requests are from different IP addresses under the same CIDR range. What should a solutions architect recommend to the team?

A.   Add a rule in the inbound table of the security to deny the traffic from that CIDR range.
B.   Add a rule in the outbound table of the security group to deny the traffic from that CIDR range.
C.   Add a deny rule in the inbound table of the network ACL with a lower number than other rules.
D.   Add a deny rule in the outbound table of the network ACL with a lower rule number than other rules.

Answer: C

NEW QUESTION 200
A company is using a VPC peering strategy to connect its VPCs in a single Region to allow for cross- communication. A recent increase in account creations and VPCs has made it difficult to maintain the VPC peering strategy, and the company expects to grow to hundreds of VPCs. There are also new requests to create site-to-site VPNs with some of the VPCs. A solutions architect has been tasked with creating a centrally networking setup for multiple accounts, VPNS, and VPNs. Which networking solution meets these requirements?

A.   Configure shared VPCs and VPNs and share to each other.
B.   Configure a hub-and-spoke and route all traffic through VPC peering.
C.   Configure an AWS Direct Connect between all VPCs and VPNs.
D.   Configure a transit gateway with AWS Transit Gateway and connected all VPCs and VPNs.

Answer: B

NEW QUESTION 201
Application developers have noticed that a production application is very slow when business reporting users run large production reports against the Amazon RDS instance backing the application. the CPU and memory utilization metrics for the RDS instance-d not exceed 60% while the reporting queries are running. The business reporting users must be able to generate reports without affecting the applications performance. Which action will accomplish this?

A.   Increase the size of the RDS instance.
B.   Create a read replica and connect the application to it.
C.   Enable multiple Availability Zones on the RDS instance.
D.   Create a read replication and connect the business reports to it.

Answer: A

NEW QUESTION 202
A public-facing web application queries a database hosted on a Amazon EC2 instance in a private subnet. A large number of queries involve multiple table joins, and the application performance has been degrading due to an increase in complex queries. The application team will be performing updates to improve performance. What should a solutions architect recommend to the application team? (Choose two.)

A.   Cache query data in Amazon SQS.
B.   Create a read replica to offload queries.
C.   Migrate the database to Amazon Athena.
D.   Implement Amazon DynamoDB Accelerator to cache data.
E.   Migrate the database to Amazon RDS.

Answer: CD

NEW QUESTION 203
A company recently expanded globally and wants to make its application accessible to users in those geographic locations. The application is deploying on Amazon EC2 instances behind an Application Load balancer in an Auto Scaling group. The company needs the ability shift traffic from resources in one region to another. What should a solutions architect recommend?

A.   Configure an Amazon Route 53 latency routing policy.
B.   Configure an Amazon Route 53 geolocation routing policy.
C.   Configure an Amazon Route 53 geoproximity fouling policy.

D.   Configure an Amazon Route 53 multivalue answer routing policy.

Answer: B

NEW QUESTION 204
A company has several business systems that require access to data stored in a file share. the business systems will access the file share using the Server Message Block (SMB) protocol. The file share solution should be accessible from both of the company's legacy on-premises environment and with AWS. Which services mod the business requirements? (Choose two.)

A.   Amazon EBS
B.   Amazon EFS
C.   Amazon FSx for Windows
D.   Amazon S3
E.   AWS Storage Gateway file gateway

Answer: BE

NEW QUESTION 205
A company wants to deploy a shared file system for its .NET application servers and Microsoft SQL Server database running on Amazon EC2 instance with Windows Server 2016. The solution must be able to be integrated in to the corporate Active Directory domain, be highly durable, be managed by AWS, and provided levels of throuput and IOPS. Which solution meets these requirements?

A.   Use Amazon FSx for Windows File Server.
B.   Use Amazon Elastic File System (Amazon EFS).
C.   Use AWS Storage Gateway in file gateway mode.
D.   Deploy a Windows file server on two On Demand instances across two Availability Zones.

Answer: D

NEW QUESTION 206
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