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MSAWS - Week 1 Quiz

Type	:	Graded Quiz
Attempts	:	3/3
Questions	:	10
Time	:	30m
Scoring Policy	:	Highest Score
Due Date	:	May 25, 11:00 PM
Your Score	:	25/25

Instructions

▼

Attempt History

Attempt #3

May 22, 6:09 PM

Marks: 22.50

▼

Attempt #2

May 22, 5:45 PM

Marks: 25

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Q No: 1

Correct Answer

What is the advantage of using Athena over RDS?

☒ All of these

You Selected

☐ Pricing is based on the amount of data processed and the number of queries ran, rather than the total amount of stored data and uptime.

☐ Data can be directly read from S3

☐ It is serverless and can be used for ad-hoc queries without having to set up anything.

Explanation: Athena provides a serverless environment powered by AWS Glue, where the data is retrieved from an S3 bucket and is priced based on the number of queries run and the amount of data processed, rather than the total amount of data in the bucket.

Q No: 2

Correct Answer

Which of the queue ensures the delivery of a message exactly once?

☐ None of these

☐ Both of these

☒ FIFO

You Selected

☐ Standard Queue

Q No: 3

Correct Answer

Which of the following scenarios is justified for choosing Memcached over Redis?

☐ In-memory datasets need to be ranked or sorted

☐ Pub/Sub capabilities are required

☒ Multi-core support is required

You Selected

☐ Automated failover capabilities are required

Explanation: Redis cache is best for handling ordered complex datasets while Memcached is optimal when multi-core architecture can be taken advantage of.

Q No: 4

Correct Answer

Redrive policies are used for

☐ Reprocessing unacknowledged messages

☐ Handling messages that have crossed their TTL

☐ None of these

☒ Handling messages that are processed unsuccessfully

You Selected

Explanation: Messages that cannot be processed successfully can be put into a dead-letter queue according to the redrive policy. This dead-letter queue can then be processed by consumers which are equipped to handle exceptions and errors.

Q No: 5

Correct Answer

How can you fan out the same message across different SQS queues from an application?

- ☐ Send the message manually to each queue via the console
- ☐ None of these
- ☒ Subscribe the queues to the same topic on SNS and publish the message to that topic You Selected
- ☐ Write a program with a loop to add the message to all queues

Explanation: Multiple queues can be subscribed to the same SNS topic. Any messages sent to that topic will then be automatically received by all the queues.

Q No: 6

Correct Answer

Which cannot be an endpoint for SNS?

- ☐ SMS
- ☐ Lambda
- ☐ Email
- ☒ VPC You Selected

Q No: 7

Correct Answer

In which of the following scenarios would you use FIFO queues over the Standard queue in SQS?

☐ Operations are not idempotent

☒ Order of messages is important

You Selected

☐ Duplicate messages can be tolerated

☐ None of these

Explanation: FIFO queues guarantee delivery of messages in the same order in which they are sent.

Q No: 8

Correct Answer

An organization XYZ using RDS is getting a lot of read requests from different regions. What can be done to increase its performance?

☒ Create read replicas

You Selected

☐ Use RDS in all the regions

☐ Use VPC peering

☐ Create backups of database

Q No: 9

Correct Answer

If there is a problem processing a message it goes to the

☐ Standard Queue☐ MQ☒ Dead letter queue if configured

You Selected

☐ FIFO

Q No: 10

Correct Answer

In a multi-AZ environment, RDS

☐ DB has to be created in an AZ and then copied manually into another AZ☐ None of these☐ DB is created should be manually created in 2 AZ☒ Automatically creates a secondary DB in another AZ at the time of creation

You Selected

Attempt #1

May 22, 5:33 PM

Marks: 25



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