You completed this test on *16/11/2021, 09:47*
Your score is 90.00%

INCORRECT

Which AWS services can host a Microsoft SQL Server database? (Choose TWO)

Amazon EC2

✓ ***Amazon RDS***

✗ *Amazon Aurora*

Amazon Redshift

Amazon S3

CORRECT

Which AWS service should be used for read/write of constantly changing data?

Amazon Glacier

✓ ***Amazon RDS***

Amazon Redshift

AWS Snowball

CORRECT

What is one of the advantages of the Amazon RDS?

✓ ***It simplifies relational database administration tasks***

It provides 99.99999999999%reliability and durability

It automatically scales databases for loads

It enables users to dynamically adjust CPU and RAM resources

CORRECT

A customer needs to run a MySQL database that easily scales. Which AWS service should they use?

✓ ***Amazon Aurora***

Amazon Redshift

Amazon DynamoDB

Amazon ElastiCache

CORRECT

Which of the following is a fast and reliable NoSQL database service?

Amazon Redshift

Amazon RDS

✓ **Amazon DynamoDB**

Amazon S3

CORRECT

A company is looking for a scalable data warehouse solution. Which of the following AWS solutions would meet the company's needs?

Amazon S3

Amazon DynamoDB

Amazon Kinesis

✓ **Amazon Redshift**

CORRECT

What is the benefit of using AWS managed services, such as Amazon ElastiCache and Amazon RDS?

They require the customer to monitor and replace failing instances

They have better performance than customer-managed services

✓ *They simplify patching and updating underlying OSs*

They do not require the customer to optimise instance type or size selections

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CORRECT

Which of the following services is a MySQL compatible database that automatically grows storage as needed?

Amazon EC2

Amazon RDS for MySQL

Amazon LightSail

✓ *Amazon Aurora*

CORRECT

What happens when an RDS master database in a multi-AZ deployment goes down?

You must copy the attached EBS volume to the standby

The asynchronous replication of RDS multi-AZ deployments means you will suffer some data loss

✓ *RDS automatically fails over to the standby, which is promoted to master*

You must use the AWS console to promote the standby to master

CORRECT

Which of the following is AWS' managed database service that is up to 5X faster than a traditional MySQL database?

DynamoDB

MariaDB

✓ *Aurora*

PostgreSQL

CORRECT

Your sales operation group would like to perform monthly analyses on large amounts of sales activity. They want to be able to rank the performance of different territories, product categories, and sales channels. They will use visualisation tools to generate graphical representation of the data. Which AWS service will provide the best solution for storing the sales data?

✓ *Amazon Redhsift*

Amazon Aurora

Amazon ElastiCache

Amazon DynamoDB

A company needs to host a database in Amazon RDS for at least three years. Which of the following options would be the most cost-effective solution?

On-demand instances

Reserved instances - no upfront

Spot instances

✓ *Reserved instances - partial upfront*

What is the Amazon RDS features that can be used to improve the availability of your database? (Choose TWO)

✓ *Multi-AZ Deployment*

AWS Region

✓ *Read Replicas*

Automatic Patching

Edge Locations

A company has a large amount of data stored in their on-premises data centre. They are planning to migrate all the data to AWS, Which service is the most appropriate to use to perform this task?

    Amazon ElastiCache

✓ **AWS DMS**

    Amazon DynamoDB

    Amazon RDS

CORRECT

What does Amazon ElastiCache provide?

    An online software store that allows customers to launch pre-configured software with just a few clicks

    An Ehcache compatible in-memory data store

✓ **In-memory caching for read-heavy applications**

    A domain name system in the cloud

INCORRECT

Which of the following is an example of AWS-managed Services, where AWS is responsible for the operation and maintenance burdens of running the service?

✗ *AWS IAM*

Amazon EC2

Amazon VPC

Amazon DynamoDB

CORRECT

What is the AWS database service that allows you to upload data structured in key-value format?

Amazon Redshift

Amazon RDS

Amazon Aurora

✓ ***Amazon DynamoDB***

CORRECT

A developer is planning to build a two-tier web application that has a MySQL database layer. Which of the following AWS database services would provide automated backups for the application?

A MySQL database installed on an EC2 instance

✓ ***Amazon Aurora***

Amazon DocumentDB

Amazon DynamoDB

What are the benefits of using DynamoDB? (Choose TWO)

✓ ***Automatically scales to meet required throughput capacity***

Supports both relational and non-relational data models

Supports the most popular NoSQL database engines such as CouchDB and MongoDB

✓ ***Offers extremely low (single-digit millisecond) latency***

Provides resizable instances to match the current demand

What are the benefits of using the Amazon Relational Database Service? (Choose TWO)

✓ ***Resizable compute capacity***

Scales automatically to larger or smaller instance types

Complete control over underlying infrastructure

Supports the document and key-value data structure

✓ ***Lower administrative burden***

Which of the following allows you to create Amazon RDS instances?

AWS DMS

AWS CodeDeploy

✓ ***AWS Management Console***

AWS Quick Start

You are running a financial services web application on AWS. The application uses a MySQL database to store the data. Which of the following AWS services would improve the performance of your application by allowing you to retrieve information from fast in-memory caches?

Amazon ElastiCache

✗ *Amazon Neptune*

Amazon EFS

DAX

Which of the following AWS offerings is serverless?

✓ **_Amazon DynamoDB_**

Amazon RDS

Amazon ECR

Amazon EC2

Which AWS service would simplify the migration of a database to AWS?

AWS Storage Gateway

✓ **_AWS DMS_**

Amazon EC2

Amazon AppStream 2.0

Which AWS database is a NoSQL database solution often being used with IoT?

Aurora

Glacier

Snowball

✓ **_DynamoDB_**

Which of the following is a data warehouse solution in AWS?

✓ **_Redshift_**

Aurora

RDS

ElastiCache

Which AWS service supports the Redis open-source in-memory data store cache?

Memcached

✓ **_ElastiCache_**

CloudFront

Route 53

Which of the following are AWS database services?

Amazon Glue, Amazon Aurora, AWS Lambda

Amazon Aurora, Amazon DynamoDB, Amazon Beanstalk

✓ **Amazon Neptune, Amazon Redshift, AWS DMS**

Amazon RDS, Amazon EC2, Amazon S3

CORRECT

Which of the following AWS Cloud services can be used to run a customer-managed relational database?

✓ **Amazon EC2**

Amazon Route 53

Amazon ElastiCache

Amazon DynamoDB

CORRECT

Which statement best describes Amazon Neptune?

✓ **A fully managed graph database service**

High performance managed relational database

Fully managed document database

Managed NoSQL database