

## **CS 499 Introduction to Cloud Computing**

**Spring 2017-18**

### **Quiz # 3**

**Registration #:** \_\_\_\_\_

1. Dynamodb is always suited for:
  - a. Read intensive applications
  - b. Write intensive applications
  - c. Both read and write intensive applications
  - d. None of the above
2. \_\_\_\_\_ gives best Read Consistency Performance in Dynamodb and is also the default consistency type in dynamodb:
  - a. Strongly Consistent Read
  - b. Eventually Consistent Read
  - c. Both of the above
  - d. None of the above
3. DynamodB is:
  - a. Fast and Flexible
  - b. Always stored on SSD Storage
  - c. Charged using Provisioned Throughput Capacity
  - d. All of above
4. What is the faster way to load data into DynamoDB?
  - a. AWS NoSQL
  - b. AWS Data Pipeline
  - c. AWS Data Tool
  - d. Both b and c
5. How do query operation generally find items in DynamoDB?
  - a. Using Partition key
  - b. Using Primary key
  - c. Using Sort key
  - d. Both b and c

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1. Suppose there is website " DuoLingo" that uses dynamoDb to store 31 Billion items for their online learning site and their application hits 3300 read units/second and 24,000 write units/second. Is it perfect to use dynamoDb for this app?
  - a. Yes it is perfect as dynamoDb is always suited for Intensive write applications
  - b. No it is not perfect as dynamoDb is only suited for Intensive read applications
  - c. DynamoDb is always suited whether it is read intensive or write intensive application
  - d. DynamoDb is not suitable for any application
2. Each item in DynamoDb is uniquely identified by:
  - a. Primary Key
  - b. Combination of Primary key and Sort key
  - c. Sort key
  - d. Foreign key
3. In DynamoDb \_\_\_\_\_ is also called Partition key
  - a. Primary key
  - b. Sort key
  - c. Foreign key
  - d. Both a and b
4. As DynamoDb is non sql which statement below demonstrates its flexibility:
  - a. Each item is capable of having different attributes
  - b. There is no need to define Sort key in dynamodb
  - c. Schema can also be defines without primary key
  - d. All of the above
5. \_\_\_\_ is the fully indexed and fast way to retrieve the data from dynamodb:
  - a. Scan
  - b. Query
  - c. None of the above
  - d. Both of these

Answers:

1. (a)
2. (b)
3. (b)
4. (b)
5. (a)
6. (a)
7. (b)
8. (d)
9. (b)
- 10.(b)