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Exam : **C2090-102**

Title : IBM Big Data Architect

Version : Demo

1. Big data is often defined as the ability to derive new insights from data that has scaled up along three axes known as the three v's.

Which of the following is the fourth v? (Hint: It has something to do with the uncertainty.)

- A. volume
- B. variety
- C. velocity
- D. veracity

Answer: C

2. Which of the following is NOT a typical Service Level Agreement (SLA) metric?

- A. Abandonment rate
- B. Average speed to answer
- C. Time service factor
- D. Average response time

Answer: D

3. A company has to design a new data system. They will need to support several OLTP applications. Every three days a batch job will run to load specific data into a set of 10 large tables (with historical data) where OLAP analytics will be performed. Performance for both OLTP and OLAP queries is important. Which of the following designs would you suggest to the company?

- A. Use a NoSQL data store such as MongoDB or Cloudant on the cloud to provide needed scalability
- B. Use DB2 Data Partition Feature (DPF), partitioning all tables into different partitions
- C. Use DB2 Data Partition Feature (DPF), only partitioning the 10 tables where Analytics will be run
- D. Use DB2 with BLU Acceleration, use columnar store for the 10 tables where Analytics will be run

Answer: D

4. "The programming model for client developers will hide the complexity of interfacing to legacy systems" is an example of which of the following?

- A. A use case
- B. An architectural decision
- C. A client imperative
- D. An empathy statement

Answer: B

5. A bank wants to build a system that tracks all ATM and online transactions in real-time. They want to build a personalized model of their customer's financial activity by incorporating enterprise data as well as social media data. The system must be able to learn and adapt over a period of time. These personalized models will be used for real time promotions as well as for any fraud or crime detections.

Given these requirements, which of the following would recommend?

- A. Spark
- B. Hadoop
- C. Cloudand
- D. Netezza

Answer: D