

IBM

C2090-102 Exam

IBM Big Data Architect, IBM, 110

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Question: 1

Which of the following approaches can an organization take to solve the impact on the performance and capacity originated by the variety of data types?

- A. Define a data catalog in a traditional data warehouse
- B. Create different solutions to handle every kind of data
- C. Store a wide range of data formats on the same platform
- D. Define a comprehensive taxonomy and constantly review

Answer: D

Explanation: References: http://www.redbooks.ibm.com/redpapers/pdfs/redp5070.pdf Page: 15

Question: 2

You are designing storage for a new Hadoop cluster. Which of the following statements is TRUE regarding the usage of SAN or NAS?

- A. SAN or NAS should not be used to set up HDFS
- B. SAN or NAS must be used, if available, to provide backup capabilities
- C. SAN or NAS can be used to support retention policies
- D. SAN or NAS cannot be used if your Hadoop cluster spans 2 sites

Answer: A

Explanation: References: http://www-01.ibm.com/software/data/infosphere/hadoop/hdfs/

Question: 3

Which of the following is NOT an example of unstructured data?

- A. HBase table
- B. Tweet
- C. Netezza table
- D. Internet Protocol Detail Record

Answer: C

Explanation:

References:

https://www.ibm.com/support/knowledgecenter/SSULQD_7.2.0/com.ibm.nz.gsg.doc/c_getstrt_nzsq l_help

Question: 4

Which of the following statements is TRUE regarding Cloud deployment models?

A. Performance and scalability requirements are a critical factor for deciding between Platform as a Serviceand Infrastructure as a Service deployment models

B. In a platform as a Service offering, the customer has root access to the servers

C. Applications with extremely high transactions volumes are good candidates for Platform as a Service

D. In an infrastructure as a service deployment, the cloud provider provides security patching, monitoring andfail over capabilities

Answer: A

Question: 5

A large Retailer (online and "brick & mortar") processes data for analyzing marketing campaigns for their loyalty club members. The current process takes weeks for processing only 10% of social data. What is the most costeffective platform for processing and analyzing campaign results from social data on a daily basis using 100% dataset?

- A. Enterprise Data Warehouse
- B. BigInsights Open Data Platform
- C. High Speed Mainfraime Processing
- D. In Memory Computing

Answer: B

Explanation: References: http://www.ibm.com/developerworks/data/library/techarticle/dm-1110biginsightsintro/

Question: 6

Which of the following is NOT a valid Service Level Agreement (SLA) metric?

- A. Mean time between failures
- B. Mean time to repair
- C. Identification to responsible party

D. Identification of failing component

Answer: D

Explanation: References: https://en.wikipedia.org/wiki/Service-level_agreement

Question: 7

As an Independent Software Vendor (ISV), you are tasked with creating a solution to harness the big data to better understand customer sentiments around your client's product. In order to develop a solution, you want to select the software components that are going to provide the most compatibility with new open source components. In addition to Hadoop and any other software components you may need, which one of the following would you select that is part of the initial release of the Open Data Platform (ODP)?

- A. Spark
- B. Ambari
- C. Hive
- D. HBase

Answer: B

Explanation: References: http://hortonworks.com/innovation/open-data-platform/

Question: 8

As data architect, understanding where patient data resides, how is it related, and how you define security and privacy policies requires knowledge of each of the following?

- A. PII Data
- **B. HIPAA Requirements**
- C. Privacy by design
- D. Data storage in HDFS

Answer: B

Question: 9

Which of the following is true about Cloudant?

A. It is a byte-value store

B. It is available as a database-as-a-service (DBaaS)

C. It runs remotely in the cloud and not on a local system D. It offers SQL access to data

Answer: B

Explanation: References: http://www-01.ibm.com/software/data/cloudant/

Question: 10

Which of the following statements is TRUE regarding cloud based solutions?

A. In a Platform as a Service Cloud deployment, the customer chooses the operating system they want to use

B. Automated recovery from hardware or network failures is not possible in a public cloud implementation, onlyin a private clouds

C. There are benefits to use the cloud even for small-scale applications

D. Using firewalls to create network boundaries is sufficient for ensuring cloud security

Answer: C

Section: (none) Explanation Explanation: References: http://www.ibm.com/developerworks/cloud/library/cl-cloudappdevelop/

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