P2090-038^{Q&As}

IBM InfoSphere BigInsights Technical Mastery Test v2

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QUESTION 1

Which of the following options is CORRECT in regards to integrating InfoSphere BigInsights and warehousing environments?

A. There is no direct interaction between InfoSphere BigInsighs and data warehousing environments. However, InfoSphere Streams can be used to stream data between the two environments.

B. Frequently accessed data should be maintained in the BigInsights environment while old?or outdated information can be offloaded to the Frequently accessed data should be maintained in the BigInsights environment while ?old?or outdated information can be offloaded to the warehouse environment.

C. InfoSphere BigInsights Enterprise Edition also comes with a standard Java Database Connectivity (JDBC) connector, making it possible for organizations to quickly integrate with a wide variety of data and information systems, including Oracle, Microsoft SQL Server, MySQL and Teradata.

D. There is no integration between InfoSphere BigInsights and warehousing environments since they deal with different type of data.

Correct Answer: C

QUESTION 2

How do big data solutions interact with the existing enterprise infrastructure?

A. Big data solutions must substitute the existing enterprise infrastructure; therefore there is no interaction between them.

B. Big data solutions are only plug-ins and additions to existing data warehouses, and therefore cannot work with any other enterprise infrastructure.

C. Big data solutions must be isolated into a separate virtualized environment optimized for sequential workloads, so that it does not interact with existing infrastructure.

D. Big data solutions works in parallel and together with the existing enterprise infrastructure, where pre-existing connectors are used to integrate big data technologies together with other enterprise solutions.

Correct Answer: D

QUESTION 3

What is Big SQL?

A. Big SQL is a feature in Data Explorer that allows for indexing of data from SQL sources such as data warehouses.

B. Big SQL is a feature in BigInsights that allows for native SQL query access for Hadoop, providing full ANSI SQL 92 compliance and standardSQL syntax such as joins, for data contained in a variety of formats such as structured Hive tables, Hbase tables, or csv and other delimitedfiles in HDFS.

C. Big SQL is a feature in Streams that allows for real time analysis of data via standard SQL syntax.

D. Big SQL is a feature in BigInsights that provides a SQL like interface to data contained in Hbase tables only. Other data sources in HDFS mustbe accessed via other means such as HiveQL.

Correct Answer: B

QUESTION 4

Which of the following InfoSphere BigInsights editions includes the Adaptive MapReduce feature?

A. InfoSphere BigInsights Express Edition.

B. InfoSphere BigInsights Enterprise Edition.

C. InfoSphere BigInsights Extended Developer Edition.

D. InfoSphere BigInsights Advanced Enterprise Edition.

Correct Answer: B

QUESTION 5

What are the "Vs"that characterize IBM Big Data initiative?

A. Variety, Versions, Velocity, Volatility

B. Velocity, Volatility, Variety, Veracity

C. Veracity, Variety, Volume, Velocity

D. Volume, Volatility, Velocity, Variety

Correct Answer: C

QUESTION 6

Which of the following InfoSphere BigInsights features provides a vast library of extractors enabling actionable insights from large amounts of native textual data?

A. Text Analytics.

B. Adaptive MapReduce.

C. General Parallel File System.

D. BigSheets.

Correct Answer: A

QUESTION 7

Which of the following components is NOT included in the BigInsights Basic Edition distribution?

A. Hadoop Distributed File System.

B. Hive.

C. Pig.

D. BigSheets.

Correct Answer: D

QUESTION 8

Which of the following integrated development environment (IDE) can be used to develop programs to be used with InfoSphere BigInsights?

A. InfoSphere Data Explorer.

B. IBM Data Studio with InfoSphere Data Explorer plug-in.

C. InfoSphere Streams Studio

D. Eclipse with InfoSphere BigInsights plug-in.

Correct Answer: D

QUESTION 9

Which of the following options contains the main components of Hadoop? (Choose three)

A. Text Analytics.

B. MapReduce framework.

C. Hadoop Distributed File System (HDFS).

D. Hadoop Common.

Correct Answer: BCD

QUESTION 10

What is the difference between Hadoop MapReduce and IBM Adaptive MapReduce feature available in InfoSphere BigInsights?

A. Hadoop Map Reduce is optimized for operating on small files or splits, while IBM Adaptive MapReduce is optimized for operating on largepartitioned files.

B. Hadoop MapReduce is optimized for operating on large files, while IBM Adaptive MapReduce is configurable to operate optimized on large or small files or splits

C. Hadoop MapReduce is optimized for operating on small files or splits, while IBM Adaptive MapReduce is optimized for operating on large files stored in individual blocks.

D. Hadoop MapReduce is optimized for operating on small partitioned tables stored in the HBase component, while IBM? Adaptive MapReduceis optimized for operating on large partitioned files.

Correct Answer: B

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