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## **Q&A**

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**Exam : C2090-101**

**Title : IBM Big Data Engineer**

**Version : DEMO**

1.Which statement is TRUE concerning optimizing the load performance?

- A. You can improve the performance by increasing the number of map tasks assigned to the load
- B. When loading large files the number of files that you load does not impact the performance of the LOAD HADOOP statement
- C. You can improve the performance by decreasing the number of map tasks that are assigned to the load and adjusting the heap size
- D. It is advantageous to run the LOAD HADOOP statement directly pointing to large files located in the host file system as opposed to copying the files to the DFS prior to load

**Answer:** A

**Explanation:**

Reference:

[https://www.ibm.com/support/knowledgecenter/en/SSCRJT\\_5.0.3/com.ibm.swg.im.bigsql.doc/doc/bigsql\\_loadperf.html](https://www.ibm.com/support/knowledgecenter/en/SSCRJT_5.0.3/com.ibm.swg.im.bigsql.doc/doc/bigsql_loadperf.html)

2.Which of the following statements are TRUE regarding the use of Data Click to load data into BigInsights? (Choose two.)

- A. Big SQL cannot be used to access the data moved in by Data Click because the data is in Hive
- B. You must import metadata for all sources and targets that you want to make available for Data Click activities
- C. Connections from the relational database source to HDFS are discovered automatically from within Data Click
- D. Hive tables are automatically created every time you run an activity that moves data from a relational database into HDFS
- E. HBase tables are automatically created every time you ran an activity that moves data from a relational database into HDFS

**Answer:** CE

**Explanation:**

Reference: [https://www.ibm.com/support/knowledgecenter/en/SSZJPZ\\_11.3.0/com.ibm.swg.im.iis.dataclick.doc/topics/hivetables.html](https://www.ibm.com/support/knowledgecenter/en/SSZJPZ_11.3.0/com.ibm.swg.im.iis.dataclick.doc/topics/hivetables.html)

3.Which of the following statements regarding importing streaming data from InfoSphere Streams into Hadoop is TRUE?

- A. InfoSphere Streams can both read from and write data to HDFS
- B. The Streams Big Data toolkit operators that interface with HDFS uses Apache Flume to integrate with Hadoop
- C. Streams applications never need to be concerned with making the data schemas consistent with those on Hadoop
- D. Big SQL can be used to preprocess the data as it flows through InfoSphere Streams before the data lands in HDFS

**Answer:** D

4.Which of the following is TRUE about storing an Apache Spark object in serialized form?

- A. It is advised to use Java serialization over Kryo serialization
- B. Storing the object in serialized form will lead to faster access times

- C. Storing the object in serialized form will lead to slower access times
- D. All of the above

**Answer: B**

**Explanation:**

Reference: <https://spark.apache.org/docs/latest/rdd-programming-guide.html>

5. Which ONE of the following statements regarding Sqoop is TRUE?

- A. HBase is not supported as an import target
- B. Data imported using Sqoop is always written to a single Hive partition
- C. Sqoop can be used to retrieve rows newer than some previously imported set of rows
- D. Sqoop can only append new rows to a database table when exporting back to a database

**Answer: C**

**Explanation:**

Reference: <https://sqoop.apache.org/docs/1.4.1-incubating/SqoopUserGuide.html>