# A2090-303<sup>Q&As</sup>

Assessment: IBM InfoSphere DataStage v9.1 Assessment

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#### **QUESTION 1**

Which step is required to change from a normal lookup to a sparse lookup in an ODBC Connector stage?

- A. Change the partitioning to hash.
- B. Sort the data on the reference link.
- C. Change the lookup option in the stage properties to "Sparse".
- D. Replace columns at the beginning of a SELECT statement with a wildcard asterisk (\*).

Correct Answer: C

#### **QUESTION 2**

The derivation for a stage variable is: Upcase(input\_column1) : \\' \\' : Upcase(input\_column2).Suppose that input\_column1 contains a NULL value. Assume the legacy NULL processing option is turned off.

Which behavior is expected?

- A. The job aborts.
- B. NULL is written to the target stage variable.
- C. The input row is either dropped or rejected depending on whether the Transformer has a reject link.
- D. The target stage variable is populated with spaces or zeros depending on the stage variable data type.

Correct Answer: B

#### **QUESTION 3**

Which two statements are true about Data Sets? (Choose two.)

- A. Data sets contain ASCII data.
- B. Data Sets preserve partitioning.
- C. Data Sets require repartitioning.
- D. Data Sets represent persistent data.
- E. Data Sets require import/export conversions.

Correct Answer: BD

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#### **QUESTION 4**

When using Runtime Column Propagation, which two stages require a schema file? (Choose two.)

- A. Peek stage
- B. Pivot stage
- C. Column Import stage
- D. DB2 Connector stage
- E. Sequential File stage

Correct Answer: CE

#### **QUESTION 5**

Which option is required to identify a particular job player processes? Which option is required to identify a particular job? player processes?

- A. Set \$APT\_DUMP\_SCORE to true.
- B. Set \$APT\_PM\_SHOW\_PIDS to true.
- C. Log onto the server and issue the command "ps -ef | grep ds".
- D. Use the DataStage Director Job administration screen to display active player processes.

Correct Answer: B

#### **QUESTION 6**

What role must a user have to delete shared metadata assets from the repository?

- A. DataStage Administrator
- B. Business Glossary Administrator
- C. Common Metadata Administrator
- D. Information Analyzer Administrator

Correct Answer: C

#### **QUESTION 7**



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You have made a copy of your job and made major changes to a job in your project. You now want to identify all the changes that have been made. What task will allow you to identify these changes?

- A. Export the original job to a backup directory.
- B. Export the modified job to the backup directory.
- C. Select the job, then right click Compare against.
- D. Select the job, then right click Cross Project Compare.

Correct Answer: C

#### **QUESTION 8**

You have finished changes to many jobs and shared containers. You must export all of your changes and integrate them into a test project with other objects. What is a way to select the objects you changed for the export?

- A. Sort the jobs by timestamp.
- B. Open Quick Find and select "Types to Find".
- C. Use Multiple Job Compile to locate objects that need to be compiled.
- D. Using the advanced find dialog, specify in the last modified panel, the date range of the jobs, and appropriate user name.

Correct Answer: D

#### **QUESTION 9**

Which statement describes what happens when Runtime Column Propagation is disabled for a parallel job?

- A. An input column value flows into a target column only if it matches it by name.
- B. An input column value flows into a target column only if it is explicitly mapped to it.
- C. You must set APT\_AUTO\_MAP project environment to true to allow output link mapping to occur.
- D. An input column value flows into a target column based on its position in the input row. For example, first column in the input row goes into the first target column.

Correct Answer: B

#### **QUESTION 10**

A DataStage job uses an Inner Join to combine data from two source parallel datasets that were written to disk in sort

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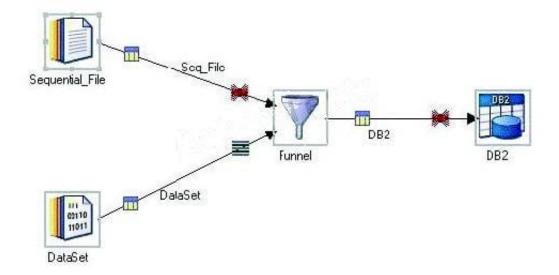
order based on the join key columns. Which two methods could be used to dramatically improve performance of this job? (Choose two.)

- A. Disable job monitoring.
- B. Set the environment variable \$APT\_SORT\_INSERTION\_CHECK\_ONLY.
- C. Unset the Preserve Partitioning flag on the output of each parallel dataset.
- D. Explicitly specify hash partitioning and sorting on each input to the Join stage.
- E. Add a parallel sort stage before each Join input, specifying the "Don\\'t Sort, Previously Grouped" sort key mode for each key.

Correct Answer: BE

#### **QUESTION 11**

In the exhibit, a Funnel stage has two input links. Input 1 (Seq\_File) comes from a Sequential File stage with "Readers per Node" set to "2". Input 2 (Dataset) comes from a dataset created with 3 partitions. In the Funnel stage, the funnel type is set to "Sequence".



The parallel configuration file contains 4 nodes. How many instances of the Funnel stage run in parallel?

- A. 1
- B. 2
- C. 4
- D. 6

Correct Answer: C

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#### **QUESTION 12**

Identify the two statements that are true about the functionality of the XML Pack 3.0. (Choose two.)

- A. XML Stages are Plug-in stages.
- B. XML Stage can be found in the Database folder on the palette.
- C. Uses a unique custom GUI interface called the Assembly Editor.
- D. It includes the XML Input, XML Output, and XML Transformer stages.
- E. A single XML Stage, which can be used as a source, target, or transformation.

Correct Answer: CE

#### **QUESTION 13**

A job using a one-node configuration file writes to a target Sequential File stage. The target Sequential File stage has been set to write to three different sequential files. How many instances of the Sequential File stage will run in parallel?

- A. One.
- B. Two.
- C. Three.
- D. The job will abort, because a configuration file with at least three nodes is required.

Correct Answer: C

#### **QUESTION 14**

How is DataStage table metadata shared among DataStage projects?

- A. Import another copy of the table metadata into the project where it is required.
- B. Use the "Shared Table Creation Wizard" to place the table in the shared repository.
- C. Export DataStage table definitions from one project and importing them into another project.
- D. Use the InfoSphere Metadata Asset Manager (IMAM) to move the DataStage table definition to the projects where it is needed.

Correct Answer: B



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#### **QUESTION 15**

You are asked by management to document all jobs written to make future maintenance easier. Which statement is true about annotations?

- A. The short job description can be identified within the Description Annotation stage.
- B. The Description Annotation stage contains both the short and full descriptions for the job.
- C. The background for the Description Annotation stage can be changed for each unique stage.
- D. The Description Annotation stage can be added several times at different locations to identify business logic.

Correct Answer: A

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