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Assessment: IBM InfoSphere DataStage v9.1 Assessment

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QUESTION 1

On the DataStage development server, you have been making enhancements to a copy of a DataStage job running on the production server. You have been asked to document the changes you have made to the job. What tool in DataStage Designer would you use?

A. Compare Against

B. diffapicmdline.exe

C. DSMakeJobReport

D. Cross Project Compare

Correct Answer: D

QUESTION 2

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 3

Your job sequence must be restartable. It runs Job1, Job2, and Job3 serially. It has been compiled with "Add checkpoints so sequence is restartable". Job1 must execute every run even after a failure. Which two properties must be selected to ensure that Job1 is run each time, even after a failure? (Choose two.)

A. Set the Job1 Activity stage to "Do not checkpoint run".

B. Set trigger on the Job1 Activity stage to "Unconditional".

C. In the Job1 Activity stage set the Execution action to "Run".

D. In the Job1 Activity stage set the Execution action to "Reset if required, then run".

E. Use the Nested Condition Activity with a trigger leading to Job1; set the trigger expression type to "Unconditional".

Correct Answer: AD

QUESTION 4

What are the two Transfer Protocol Transfer Mode property options for the FTP Enterprise stage? (Choose two.)

A. FTP

B. EFTP

C. TFTP

D. SFTP

E. RFTP

Correct Answer: AD

QUESTION 5

Which DB2 to InfoSphere DataStage data type conversion is correct when reading data with the DB2 Connector stage?

A. XML to SQL_WVARCHAR

B. BIGINT to SQL_BIGINT (INT32)

C. VARCHAR, 32768 to SQL_VARCHAR

D. CHAR FOR BIT DATA to SQL_VARBINARY

Correct Answer: A

QUESTION 6

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 7

Which Oracle data type conversion is correct?

A. Oracle data type RAW converts to RAW in Oracle Connector stage.

B. Oracle data type NUMBER(6,0) converts to INT32 in Oracle Connector stage.

C. Oracle data type NUMBER(15,0) converts to INT32 in Oracle Connector stage.

D. Oracle data type NUMBER converts to DECIMAL(38,0) in Oracle Connector stage.

Correct Answer: B

QUESTION 8

The ODBC stage can handle which two SQL Server data types? (Choose two.)

A. Date

B. Time

C. GUID

D. Datetime

E. SmallDateTime

Correct Answer: CE

QUESTION 9

Suppose a user ID has been created with DataStage and QualityStage component authorization. Which client application would be used to give that user ID DataStage Developer permission?

A. DataStage Director client

B. DataStage Designer client

C. DataStage Administrator client

D. Information Server Web Console Administrator client

Correct Answer: C

QUESTION 10

Which derivations are executed last in the Transformer stage?

A. Input column derivations

B. Loop variable derivations

C. Output column derivations

D. Stage variable derivations

Correct Answer: C

QUESTION 11

What is the result of running the following command: dsjob -report DSProject ProcData

A. Generates a report about the ProcData job, including information about its stages and links.

B. Returns a report of the last run of the ProcData job in a DataStage project named DSProject.

C. Runs the DataStage job named ProcData and returns performance information, including the number of rows processed.

D. Runs the DataStage job named ProcData and returns job status information, including whether the job aborted or ran without warnings.

Correct Answer: B

QUESTION 12

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 13

A job validates account numbers with a reference file using a Join stage, which is hash partitioned by account number. Runtime monitoring reveals that some partitions process many more rows than others. Assuming adequate hardware resources, which action can be used to improve the performance of the job?

A. Replace the Join with a Merge stage.

B. Change the number of nodes in the configuration file.

C. Add a Sort stage in front of the Join stage. Sort by account number.

D. Use Round Robin partitioning on the stream and Entire partitioning on the reference.

Correct Answer: B

QUESTION 14

You want to find out which table definitions have been loaded into a job, and specifically which stages of the job they has been loaded into? How will you determine this?

A. Select the job, right-click, then click the Find where used (deep) command.

B. Select the job, right-click, then click the Find dependencies (deep) command.

C. Select the job, right-click, then click the Find where used command. Then right-click and select "Show the dependency path from the job".

D. Select the job, right-click, then click the Find dependencies command. Then right-click and select "Show the dependency path from the job".

Correct Answer: D

QUESTION 15

Your job is using the Sequential File stage as a source. Identify two stage property configurations that will allow you to accomplish parallel reads? (Choose two.)

A. Read Method property set to \\'File Pattern\\' and the environment variable $APT_IMPORT_PATTERN_USES_FILESET is set to \\'FALSE\\'.

B. Read Method property set to \\'File Pattern\\' and the \\'Readers per Node\\' property value set to greater than 1.

C. Read Method property is set to \\'Parallel\\' with the Key property set to a Input column that has the file names.

D. Read Method property set to \\'Specific File(s)\\' with only one file specified and the \\'Readers Per Node\\' property value set to greater than 1.

E. Read Method property set to \\'Specific File(s)\\' with more than one file specified and each file specified has the same format/column properties.

Correct Answer: DE