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C2090-303

IBM InfoSphere DataStage v9.1

DEMO

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Topic 1, Volume A

QUESTION NO: 1

In your ETL application design you have found several areas of common processing requirements in the mapping specifications. These common logic areas found include: code validation lookups and name formatting. The common logic areas have the same logic, but the jobs using them would have different column metadata. Choose the action that gives you the best reusability design to effectively implement these common logic areas in your ETL application?

- A.** Create parallel routines for each of the common logic areas and for each of the unique column metadata formats.
- B.** Create separate jobs for each layout and choose the appropriate job to run within a job sequencer.
- C.** Create parallel shared containers and define columns combining all data formats.
- D.** Create parallel shared containers with Runtime Column Propagation (RCP) ON and define only necessary common columns needed for the logic.

Answer: D

Explanation:

QUESTION NO: 2

When optimizing a job, Balanced Optimization will NOT search the job for what pattern?

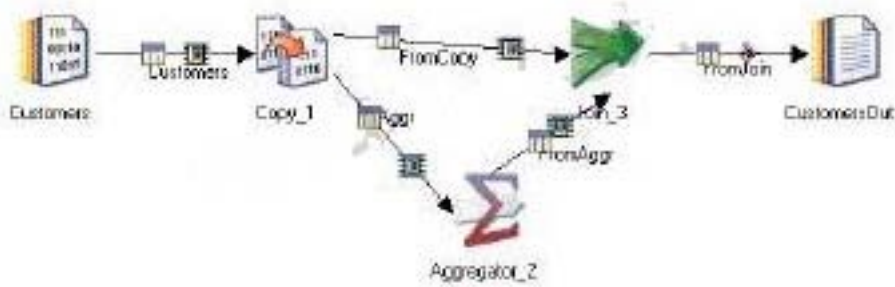
- A.** Links
- B.** Stages
- C.** Sequencers
- D.** Property Settings

Answer: C

Explanation:

QUESTION NO: 3

You are asked to optimize the fork join job design in the exhibit. This job uses the sort aggregator and a left outer join on the ZIP code column. Currently all partitioning is set to "Auto" and automatic sort insertion is allowed.



Which change will reduce the cost of partitioning that occurs in this job?

- A. Use Entire partitioning on the input links to the Aggregator and Join stages.
- B. Hash partition and sort on ZIP code column on the input links to the Aggregator and Join stages.
- C. Hash partition and sort on ZIP code column prior to the Copy stage and use entire partitioning on the Aggregator and Join stages.
- D. Hash partition and sort on ZIP code column prior to the Copy stage, and use same partitioning on the Aggregator and Join stages.

Answer: D

Explanation:

QUESTION NO: 4

You have a parallel job that based on operational recoverability requirements needs to be broken up into two separate parallel jobs. You have decided to use the Data Set stage to support this job design change. What two characteristics of Data Sets make them a good design consideration in your jobs design change? (Choose two.)

- A. They sort the data in a staging area.
- B. They automatically convert data types.
- C. They persist the parallelism of the job creating them.
- D. They use the same data types as the parallel framework.
- E. They persist parallelism into a temporary repository table.

Answer: C,D

Explanation:

QUESTION NO: 5

What two binding types are supported by Information Services Director (ISD) for a parallel job that is designed to be used as a service? (Choose two.)

- A. EJB
- B. SQL
- C. HDFS
- D. SOAP
- E. STREAMS

Answer: A,D

Explanation:

QUESTION NO: 6

You are assigned to correct a job from another developer. The job contains 20 stages sourcing data from two Data Sets and many sequential files. The annotation in the job indicates who wrote the job and when, not the objective of the job. All link and stage names use the default names. One of the output columns has an incorrect value which should have been obtained using a lookup. What could the original developer have done to make this task easier for maintenance purposes?

- A. Name all stage and links the same.
- B. Name all stages and links based on what they do.
- C. Indicate all stage names within the job annotation.
- D. Name all stage and links with column names and ideas.

Answer: B

Explanation:

QUESTION NO: 7

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.