

IBM COG-125

COG-125 Cognos 8 BI Data Warehouse Developer

Practice Test

Version 1.1

QUESTION NO: 1

What can be done to minimize memory consumption?

- A. Remove elements from the delivery.
- B. Add the fact build to aJobStream.
- C. Enable dimension breaking on the fact build.
- D. Enable auditing on the fact build.

Answer: C

QUESTION NO: 2

Which element does Data Manager use to identify duplicate rows?

- A. Dimension
- B. Attribute
- C. Measure
- D. Index

Answer: A

QUESTION NO: 3

A developer has created a fact build where separate summary tables will be created for monthly and quarterly data. What should be created on these fact deliveries to prevent monthly data from being delivered to the quarterly summary table?

- A. User-defined functions
- B. Derivations
- C. Level filters
- D. Output filters

Answer: C

QUESTION NO: 4

A developer is working with the following relational table data source:

The developer wants to manipulate the data to produce the following result:

What should be done?

Product	Eastern Sales	Western Sales
001	100	100
002	200	200

Product	Region	Sales
001	Eastern	100
001	Western	100
002	Eastern	200
002	Western	200

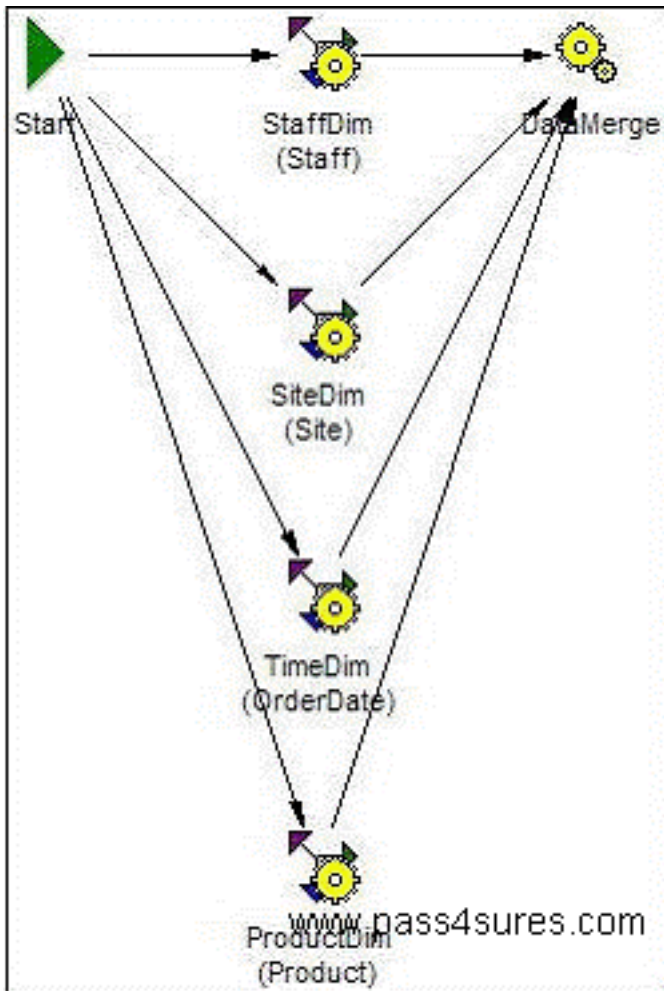
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- A. Define how the data will be pivoted in the Delivery of the fact build.
- B. Create an output filter to flip the rows and columns.
- C. Define how the data will be pivoted in the DataStream of the fact build.
- D. Create a user-defined function to flip the rows and columns.

Answer: C

QUESTION NO: 5

In this JobStream, the action on failure setting for the SiteDim node has been set to TERMINATE. What will happen if this node fails while the JobStream is executing?



- A. Data Manager will immediately stop processing the remaining dimension build nodes, and process the fact build node instead.
- B. Data Manager will stop processing the SiteDim node, but will continue to process the remaining dimension build nodes.
- C. Data Manager will stop all processing of all nodes in the JobStream, even if they are currently running.
- D. Data Manager will remove the SiteDim node from the JobStream and restart the execution process.

Answer: B

QUESTION NO: 6

How can a developer nest a JobStream within another JobStream?

- A. Execute the first JobStream from the command line, and reference the second JobStream in the command.
- B. Add a procedure node to the JobStream.
- C. Execute the first JobStream using the Data Movement Service, and include the second JobStream in the resulting task.

D. Add aJobStream node to the JobStream.

Answer: D

QUESTION NO: 7

A developer has created a fact build to process the incoming data shown in the table:
The developer wants to create a monthly summary fact table. If the aggregate behavior for the Credit Limit column is set to LAST, what will be the value of Credit Limit for the first row delivered for Customer 2?

Customer	Date	Quantity	Amount	Credit Limit
1	20080501	1	100	400
1	20080512	1	100	300
2	20071201	2	200	1500
2	20071201	3	300	1200
2	20080620	1	100	1100
2	20080620	6	600	500
3	20080501	4	400	500
3	20080506	1	100	400
4	20071201	5	500	1000

- A. 1500
- B. 500
- C. 1200
- D. 1100

Answer: C

QUESTION NO: 8

A fact build is being manually created. What must the developer do to deliver the fact data to a relational table?

- A. Add a relational table delivery module to the Connections folder.
- B. Create a relational table delivery usingSQLTerm.
- C. Add a relational table delivery module to the fact build.
- D. Modify the fact build DataStream to include a relational table delivery.

Answer: C

QUESTION NO: 9

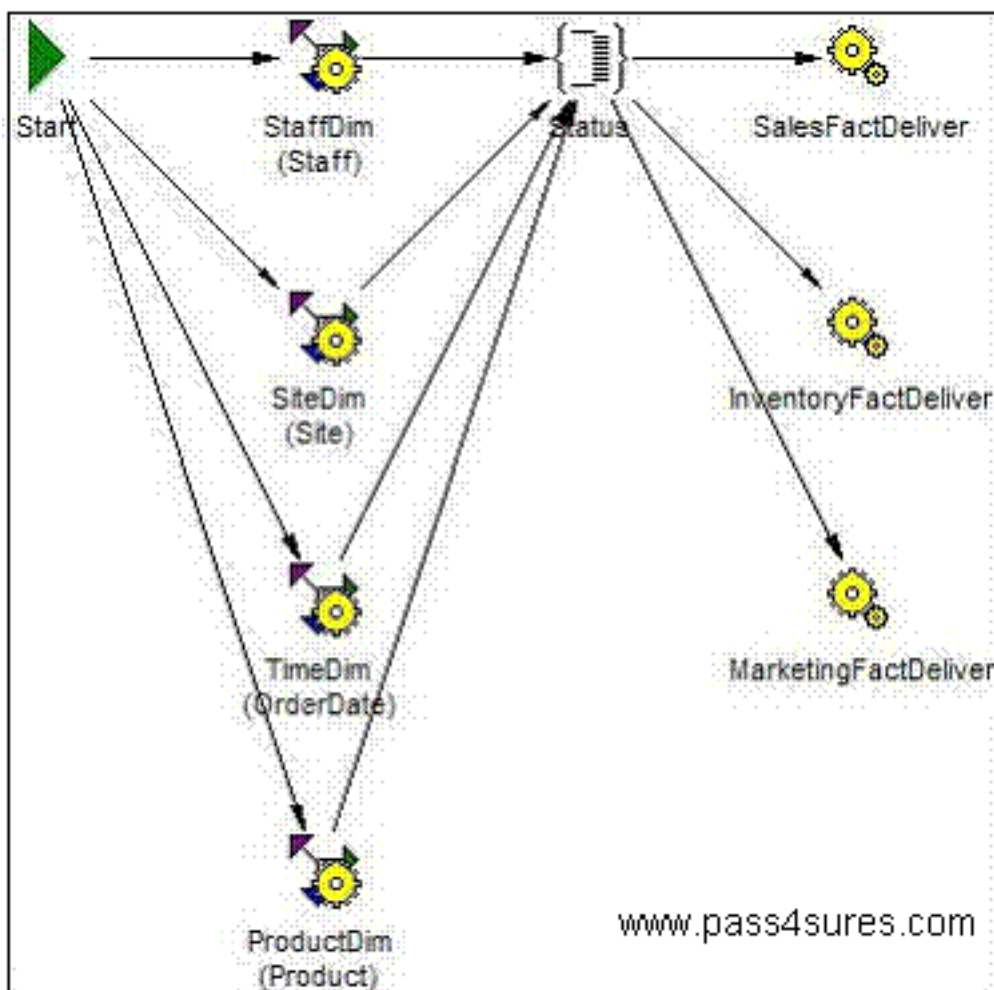
Incoming fact data includes an audit reference column for each row. This column has been identified as an attribute in the transformation model. When executed, the fact build should designate this element as a key in the resulting fact table. This fact table will be created (not updated) by the fact build. What should the developer do?

- A. Convert the attribute element into a derived dimension element.
- B. Specify the column as a key in the table delivery properties.
- C. Specify the column as a key in the data source properties.
- D. Convert the attribute element into a derivation element.

Answer: B

QUESTION NO: 10

When this JobStream is executed, what is the maximum number of nodes that will run in parallel at any one time?



- A. 3
- B. 4