



COG-125

Cognos 8 BI Data Warehouse Developer

Exam number/code: COG-125

Exam name: Cognos 8 BI Data Warehouse Developer

Questions & Answers: 84 Q&A

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Exam: COG-125 Certification Questions & Answers

Question 1:

Which object is required to create a Data Manager catalog?

- A. Cognos 8 package
- B. Fact build
- C. JobStream
- D. Database

Answer: D

Question 2:

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 3:

A fact build has two data sources that need to undergo the same calculation for every input row, and the data will be merged. Where should the derivation be created?

- A. In the DataStream.
- B. In each data source.
- C. In the transformation model.
- D. In the output filter.

Answer: A

Question 4:

When executed, what will the following command line string do?"

```
c:\program files\cognos\c8\bin\rundsjob.exe" -P "ODBC"  
"DSN=DS_Advanced;DBMS=(other)"  
"Inventory_Fact_Data" -  
VTRACE_VALUES=PROGRESS,DETAIL,INTERNAL,SQL,EXECUTEDSQL,USER,VARIABLE
```

- A. Execute fact build called Inventory_Fact_Data.
- B. Add tables (such as INTERNAL) to the Inventory_Fact_Data database.
- C. Execute a JobStream called Inventory_Fact_Data.
- D. Create a database called Inventory_Fact_Data and add a connection to it.

Answer: C

Question 5:

Which of the following is true of a derivation that has been created in the transformation model?

- A. The derivation cannot be disabled once it has been added to the transformation model.
- B. The derivation can be added to a dimension build delivery.
- C. The derivation can be used to perform calculations in the SQL statement of a data source.
- D. The derivation can be added to a fact build delivery.

Answer: D

Question 6:

The data in the Product dimension table appears as follows:
The developer wants to load the following dimension data, using a single dimension build:
What is one of the things that must be done to ensure that all of these records are delivered into the dimension table?

| Product Code | Surrogate Key | Specification | Effective Date | End Date |
|--------------|---------------|---------------|----------------|------------|
| P1 | 1 | Blue pen | 2000/11/01 | 2003/12/22 |
| P1 | 3 | Black pen | 2003/12/23 | 2004/02/09 |
| P1 | 4 | Red pen | 2004/02/10 | |

| Product Code | Specification | End Date |
|--------------|---------------|------------|
| P1 | Orange pen | 2004/02/14 |
| P1 | Mauve pen | 2004/04/27 |
| P1 | Green pen | 2004/10/10 |

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- A. In the properties of the underlying hierarchy, set the Unbalanced Hierarchy feature to Accept.
- B. In the properties of the dimension table, specify that late arriving dimension details are to be written to a table.
- C. In the properties of the underlying hierarchy, set the Multiple Parents feature to Accept.
- D. In the properties of the template that is used to deliver the dimension build, include an attribute with effective start date behavior.

Answer: D

Question 7:

An Employee hierarchy has been created using the Hierarchy wizard. However, employee names now need to be included in the hierarchy. What should be done?

- A. Select the hierarchy and rerun the Hierarchy wizard to add an attribute to it.
- B. Manually add the Employee Name attribute to the template and to the hierarchy.
- C. Add a derivation to the dimension build to include Employee Name.
- D. Create another dimension build to populate the hierarchy with an Employee Name attribute.

Answer: B

Question 8:

During execution, a fact build generated the following messages in the log file:
What can be done to avoid seeing the last three lines when the build is executed again?

```
[INTERNAL - 11:14:05]Hash: 118 page(s), 135173 of 150000 slots  
in use (90%), 0 reusables, avg 2.56 hits  
[INTERNAL - 11:14:05]Hash: table full, restructuring  
[INTERNAL - 11:14:05]Hash: resizing table from 150000 to 225000  
[INTERNAL - 11:14:05]Hash: table restructuring complete
```

- A. Increase the initial size of the hash table.
- B. Decrease the size of the page pool.
- C. Disable audit logging.
- D. Increase the amount of working memory (in megabytes).

Answer: A

Question 9:

In the Dimension Build wizard, the developer has specified the schema type as "Star schema." What will be the result of this selection?

- A. The dimension will be represented in a single table. Each level of the delivered hierarchy will be represented by one or more columns of this table.
- B. The dimension will be represented in a table that contains only the keys of all the levels of the delivered hierarchy. The descriptions of the higher levels will reside in other tables.
- C. The dimension will be represented by one table for each hierarchy level. Each table will have a foreign key to the level above.
- D. The dimension will be represented in a single table. Each row of this table will contain the ID of the member, together with the ID of its parent.

Answer: A

Question 10:

A developer wants to create a connection to a database in a Data Manager catalog. When creating this connection, which of the following must the developer specify?

- A. A default schema name.
- B. Connection method that must be used to connect to the database.
- C. Names, locations, and port numbers for the SOAP and socket servers.
- D. User ID and password for the Cognos 8 content store database.

Answer: B

Question 11:

A developer has created a derivation in a data source. When will this derivation be calculated?

- A. As each row is retrieved from the data source.
- B. After the source data is pivoted, but before it is merged and aggregated.
- C. After each row has been moved into the DataStream.
- D. Before the source data is pivoted, but after it is merged and aggregated.

Answer: A

Question 12:

A dimension table tracks employee data. If an employee's work location changes, the previous work location needs to be kept and a new record needs to be created. What kind of change is this?

- A. Type 0
- B. Type 1
- C. Type 2
- D. Type 3

Answer: C

Question 13:

Which of the following is true of conformed dimensions?

- A. Conformed dimensions are created using the Fact Build wizard.
- B. A conformed dimension is specific to a single fact table.
- C. Conformed dimensions are created using the Hierarchy wizard.
- D. A conformed dimension is used by multiple fact tables.

Answer: D

Question 14:

Which of the following can a developer do with SQLTXT Designer?

- A. Select data from multiple tables using joins.
- B. Select data from multiple text files using joins.
- C. Specify row and column delimiters.
- D. Specify sort order for the flat file.

Answer: C

Question 15:

A lookup has been created to enable translation of incoming currency values (such as the US dollar) into another currency (such as the Euro). What should be done?

- A. Reference the lookup in the properties of the affected dimension build(s).
- B. Create a measure dimension which references the conversion rate.
- C. Create a derivation which uses the referenceattributes of the lookup.
- D. Move the lookup to a fact build conversion map.

Answer: C

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