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C2020-625

IBM Cognos 10 BI Data Warehouse Developer

DEMO

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QUESTION NO: 1

To reduce memory usage, what should be done when setting up dimension breaking for a fact build?

- A. Ensure that each data source is sorted by the same set of dimensions, in the same sequence.
- B. Specify at least one aggregate rule for each dimension element for which breaking is enabled.
- C. Disable the hash table and page pool for the fact build.
- D. Disable late arriving facts processing for the fact build.

Answer: A

Explanation:

QUESTION NO: 2

During execution, a fact build generated the following messages in the log file:

```
[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
```

What can be done to avoid seeing the last three lines when the build is executed again?

- 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

Explanation:

QUESTION NO: 3

What can be done to minimize memory consumption?

- A. Disable dimension breaking on the fact build.
- B. Disable fact build logging.
- C. Enable dimension breaking on the fact build.

D. Enable auditing on the fact build.

Answer: C

Explanation:

QUESTION NO: 4

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

Explanation:

QUESTION NO: 5

A dimension table contains the following data:

RepSurKey	RepKey	Name	Office	EffDate	CurrInd
11111	00128	Mary Smith	Dallas	01/01/2005	N
11112	00128	Mary Smith	Houston	03/03/2008	Y

The incoming fact data is as follows:

RepKey	OrderDate	CustKey
00128	01/01/2006	12345
00128	02/01/2006	12345
00128	04/01/2008	12345
00128	02/12/2008	12345

If late arriving fact processing is enabled, what will be the value of the surrogate key assigned to the last row of fact data?

- A. 11110
- B. 11111
- C. 11112
- D. 11113

Answer: B

Explanation:

QUESTION NO: 6

The data in the Product dimension table appears as follows:

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	

The developer wants to load the following dimension data, using a single dimension build:

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

What is one of the things that must be done to ensure that all of these records are delivered into the dimension table?

- 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

Explanation:

QUESTION NO: 7

A dimension table tracks employee data. If an employee's phone number changes, the old phone number does not need to be kept. What kind of change is this?