

# C2090-180<sup>Q&As</sup>

IBM Cognos BI Professional

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#### QUESTION 1

Which statement is true about the BI Bus?

- A. It is the name of the report process that is spawned and viewed in Windows Task Manager when a report execution request is processed.
- B. It monitors all http traffic flowing through the gateways and dispatchers.
- C. It is a set of protocols that govern communications among Cognos BI services.
- D. It uses a JDBC driver to connect to Content Stores in Sybase, SQL Server, Oracle and DB2.

Correct Answer: C

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#### QUESTION 2

Which of the following describes how Cognos 8 works with aggregate aware tables in relational data sources?

- A. Cognos 8 can create aggregate aware tables within the database.
- B. Cognos 8 redirects its generated SQL to take advantage of aggregate aware tables.
- C. Cognos 8 does not make any specific adjustments for aggregate aware tables.
- D. Cognos 8 can monitor reports that are run and suggest aggregate aware tables.

Correct Answer: C

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#### QUESTION 3

Which of the following describes the models contained in the '24 Ways' book referenced in the BI Professional Workshop course?

- A. Framework Manager models that map over an example normalized database, which one might find in a manufacturing enterprise.
- B. Physical, star schema data models for constructing data marts for the various departments in a generic business enterprise.
- C. Logical models that contain dimensions and key tactical metrics for the various departments in a generic business enterprise.
- D. Cognos 8 OLAP Modeler (Transformer) models that describe how to map data from a manufacturing database into a PowerCube.

Correct Answer: C

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#### QUESTION 4

Which of the following is true regarding hierarchies and dimensions?

- A. Hierarchies help users understand the data through rollup levels within dimensions.
- B. All dimensions must have hierarchies.
- C. All hierarchies are defined by the inherent nature of their dimensional data.
- D. It is considered poor design to split a hierarchy across multiple dimensions.

Correct Answer: A

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#### QUESTION 5

You are tasked with administering the Cognos BI system to perform batch reporting in a way that maximizes the use of available system resources. Given the following information, how many jobs should be created to perform this task?

480 reports must run

6 report processes are available

Each process is configured to use 4 low affinity connections

- A. 20
- B. 24
- C. 48
- D. 12

Correct Answer: A

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#### QUESTION 6

A multi-server installation of Cognos BI must be performed.

Which of the following is a valid strategy for installing across multiple servers?

- A. Separate the gateway component from other server components to restrict report request processing to the Web server tier.
- B. Enable dedicated request processing, by installing a dispatcher in the Web server tier to act as a primary dispatcher for routing requests to other dispatchers.
- C. Scale the system vertically by installing one instance of all Cognos 8 services on a larger computer capable of managing more concurrent request threads.
- D. Enable load balancing of requests for content management services by installing multiple instances of Content Manager.

Correct Answer: B

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### QUESTION 7

A company receives new orders each night. Those orders must be filled and packed for shipment before the end of each day. The users need to know which orders have arrived during the night and which still require filling throughout the day. Supervisors also need the flexibility to inquire against the database on a variety of items outside of the standard order filling process (e.g. customer outstanding balance or shipping rates).

Which of the following Cognos 8 components BEST fills the company's needs?

- A. Analysis Studio and Event Studio
- B. Report Studio and Query Studio
- C. Query Studio and Metric Studio
- D. Analysis Studio and Report Studio

Correct Answer: B

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### QUESTION 8

Which of the following is a common mistake made by designers when creating dimension models?

- A. Including alternate hierarchies.
- B. Including multiple date/time hierarchies.
- C. Splitting a single dimension into multiple dimensions.
- D. Adding dimensions and measures from other subject areas.

Correct Answer: D

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### QUESTION 9

Which of the following is correct regarding report execution requests?

- A. A low affinity request is directed to the same process that served up the originating low affinity request if the process is available and there is an available high affinity connection.
- B. A low affinity request can be processed using a high affinity connection when a low affinity connection is not available.
- C. An absolute affinity request does not require a connection because it has priority.
- D. A high affinity request can be processed using a low affinity connection if there are no high affinity connections available.

Correct Answer: D

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**QUESTION 10**

Which of the following statements describes the critical differences between a managed report and a query?

- A. A managed report is intended to be run on a regular execution schedule from a background batch process whereas a query is run interactively.
- B. A managed report is authored by trained developers whereas a query is authored by either trained developers or end users.
- C. A managed report is intended to be run on a regular execution schedule whereas a query is intended to be authored and run on-demand.
- D. A managed report prompts users for run-time parameters whereas a query does not.

Correct Answer: C

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**QUESTION 11**

Which of the following is a critical component in delivering Corporate Performance Management throughout an enterprise?

- A. Drill down from summary to detailed information within individual subject areas.
- B. Drill across from one subject area to another through conformed dimensions.
- C. Star schema data marts designed to facilitate analysis and reporting.
- D. Event management designed to monitor the status of Key Performance Indicators.

Correct Answer: B

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**QUESTION 12**

Why should an application's performance be monitored on an ongoing basis after it goes into production?

- A. Initial performance tests are usually too optimistic.
- B. There is little value in performance tests before a system goes into production.
- C. Usage patterns on applications tend to change over time.
- D. New releases of system and application software usually degrade performance.

Correct Answer: C

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**QUESTION 13**

If anonymous access is disabled, when a user accesses Cognos BI, what is the correct flow of the request?

- A. To Cognos Access Manager which queries the content store for user information and displays the log on page through the dispatcher and the gateway
- B. To the monitoring service which monitors the user authentication request and displays the logon page through the dispatcher and the gateway
- C. To the presentation service which displays the log on page through the dispatcher and the gateway
- D. To Cognos Application Firewall which monitors the user authentication request and displays the log on page through the dispatcher and the gateway

Correct Answer: C

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#### QUESTION 14

A company wishes to coordinate the anticipated hiring activities of all of the departments in a given division of the organization. The CEO has mandated a limit of 50 total new hires for the coming fiscal year. The various departments must coordinate future hiring. The CEO would also like to see reports comparing the projected hiring vs. the actual number of new hires by department.

Which set of Cognos 8 components BEST supports the company's needs?

- A. Planning and Report Studio
- B. Report Studio and Analysis Studio
- C. Event Studio and Report Studio
- D. Planning and Data Manager

Correct Answer: A

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#### QUESTION 15

Which of the following describes the benefits of Cognos Application Firewall (CAF)?

- A. It protects the application by monitoring all HTTP requests sent through the Web server to ensure the gateway is receiving valid requests.
- B. It allows Cognos BI to run over the Internet.
- C. It monitors and validates all input requests to prevent parameter manipulation, SQL injection, and buffer overflow.
- D. It encrypts all input requests for validation before they are sent to the dispatcher.

Correct Answer: C

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