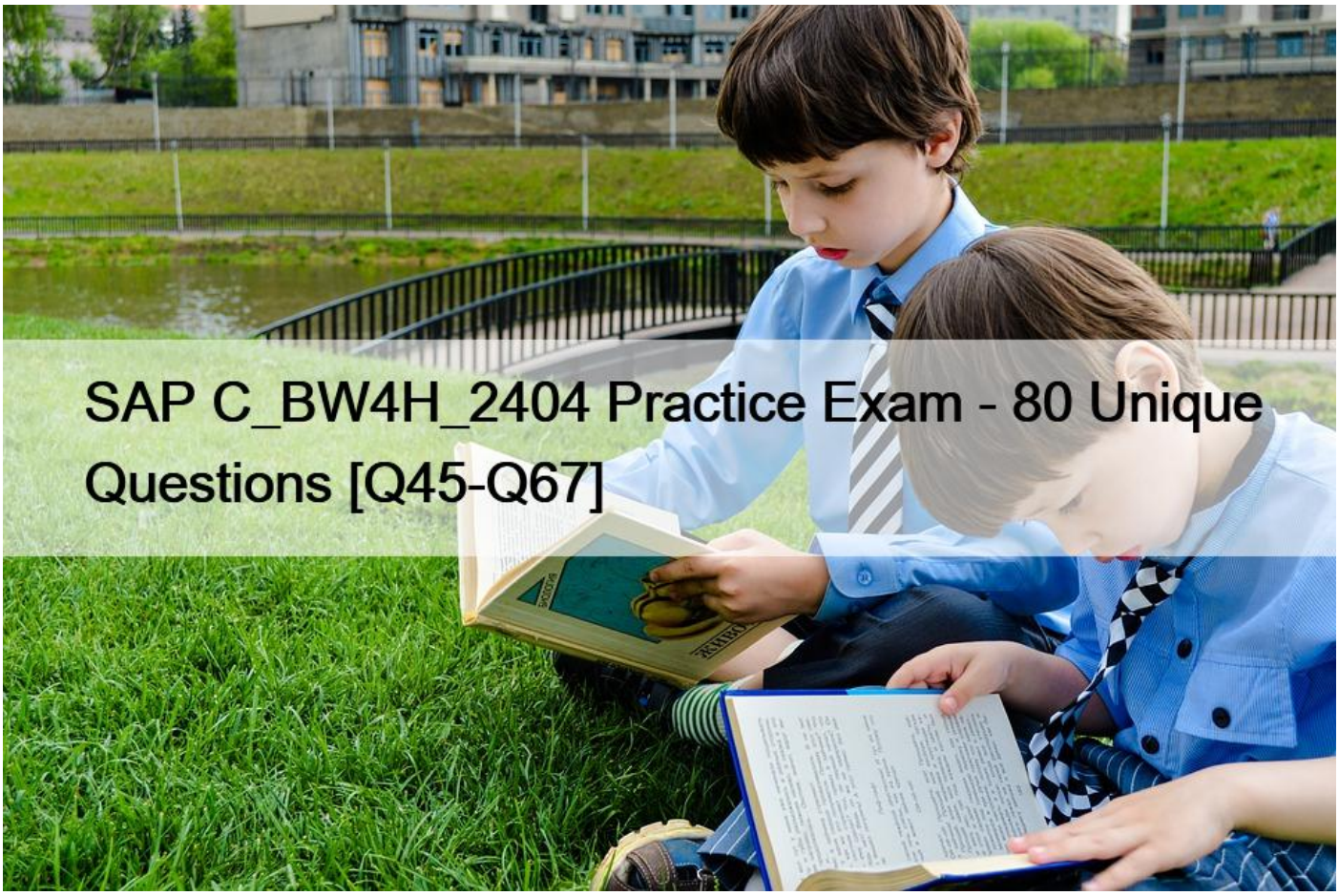
SAP C_BW4H_2404 Practice Exam - 80 Unique Questions [Q45-Q67



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NEW QUESTION 45

What are some of the variable types in a BW query that can use the processing type SAP HANA Exit? Note:

There are 2 correct answers to this question.
* Hierarchy node
* Formula
* Text
* Characteristic value

SAP BW (Business Warehouse) provides several types of variables in BW queries, each serving distinct purposes and offering flexible data representation. When using theSAP HANA Exitas a processing type, specific variable types can be supported:

* Formula Variables (Answer B):Formula variables are used within formulas to calculate specific results dynamically. These variables are compatible with SAP HANA Exit because the exit can modify the formula’s calculation context based on SAP HANA processing logic, optimizing performance.

* Characteristic Value Variables (Answer D):Characteristic value variables are used to filter data in queries dynamically. The SAP HANA Exit allows the dynamic determination of characteristic values during query execution by leveraging SAP HANA capabilities.

* Hierarchy Node (Option A):This type of variable is used for navigating hierarchical structures but is not supported by SAP HANA Exit processing directly.

* Text (Option C):Text variables provide dynamic textual information, such as titles or descriptions, but these are not processed using SAP HANA Exit.

* Define the Variable in Query Designer:

* Open Query Designer and choose the appropriate variable type (Formula or Characteristic Value).

* Select “Processing by SAP HANA Exit” as the processing type.

* Implement SAP HANA Exit Logic:

* Develop the SAP HANA procedure or logic in SAP HANA Studio or SAP Web IDE.

* Ensure the exit logic aligns with the expected input and output structure of the variable.

* Test and Validate:

* Execute the query to validate the dynamic behavior of the variable.

* Debug any issues using the SAP HANA trace or logs for the procedure.

Incorrect Options:Steps to Implement and Validate SAP HANA Exit:References:

* SAP Help Documentation on Query Variables

* SAP Learning Hub – SAP BW Query Design and HANA Integration Module

* SAP Data Engineer – Data Fabric Course Materials

By adhering to these references and steps, the use of SAP HANA Exit in BW query variables is optimized for performance and functionality.

NEW QUESTION 46

You would like to highlight the deviation from predefined threshold values for a key figure visualize it in SAP Analysis for Microsoft Office. Which BW query feature do you use?
* Formula cell
* Exception
* Key figure property
* Condition
Exceptions in BW queries are used to define threshold-based highlighting for key figures.

* Steps to Implement:

* Define an exception in the BW query for the key figure.

* Set threshold values and assign appropriate formatting (e.g., colors, symbols).

* Enable visualization in SAP Analysis for Microsoft Office to display deviations.

References:

* SAP Help Portal – Exception Threshold Definition

* SAP Analysis for Microsoft Office Documentation

NEW QUESTION 47

In the Web IDE for SAP HANA workspace, you have imported a project including an HDB module with calculation views.

What do you need to do in the project sittings before you can successfully build the HDB module?
* Enter an organization
* Reset the project type
* Assign a space
* Define a package

NEW QUESTION 48

You want build a web-based dashboard with interactive visualizations using Javascript.

Which SAP tool can you use to create this?
* SAP BusinessObjects
* Web Intelligence
* SAP Analytics Cloud analytics designer
* SAP Crystal Reports
* SAP Smart Business Cockpits

* SAP Analytics Cloud analytics designer: This tool can help you create web-based dashboards with interactive visualizations using Javascript. You can use the analytics designer to create custom applications that leverage the power of SAP Analytics Cloud models and APIs12.

Reference:

* 1 https://blogs.sap.com/2020/11/05/data-visualization-best-practices-in-dashboard-design-using-sap- analytics-cloud/

* 2 https://blogs.sap.com/2021/12/15/sap-analytics-cloud-sac/

NEW QUESTION 49

You create an SAP HANA HDI Calculation View. What are some of the reasons to choose the data category Cube with Star Join instead of data category Dimension? Note: There are 3 correct answers to this question.
* Create restricted columns
* Provide default time characteristics

* Persist transactional data
* Combine master data and transactional data
* Aggregate measures as a sum

NEW QUESTION 50

Why do you use an authorization variable?
* To provide dynamic values for the authorization object S_RS_COMP
* To filter a query based on the authorized values
* To protect a variable using an authorization object
* To provide an analysis authorization with dynamic values

NEW QUESTION 51

You consider using the feature Snapshot Support for a Stard DataStore object. Which data management process may be slower with this feature than without it?
* Selective Data Deletion
* Delete request from the inbound table
* Filling the Inbound Table
* Activating Data

NEW QUESTION 52

Which layer of the layered scalable architecture (LSA++) of SAP BW/4HANA is designed as the main storage for harmonized consistent data?
* Open Operational Data Store layer
* Data Acquisition layer
* Flexible Enterprise Data Warehouse Core layer
* Virtual Data Mart layer
* Core Layer as Main Storage:

* The Flexible Enterprise Data Warehouse Core layer stores harmonized and consistent data.

* It ensures data quality, integration, and consistency across the enterprise.

* Purpose of Core Layer:

* Provides a single version of truth for enterprise data.

* Acts as the primary layer for analytics and reporting.

* Open ODS Layer (Option A):Focuses on raw data and real-time reporting.

* Data Acquisition Layer (Option B):Handles the initial data ingestion process.

* Virtual Data Mart Layer (Option D):Serves as a reporting layer, not for main storage.

Incorrect Options:References:

* SAP BW/4HANA LSA++ Overview

* SAP Data Engineering Documentation

NEW QUESTION 53

You create a DataStore Object(advanced) using the Data Mart DataStore Object modeling property. Which behaviors are specific to this modelling property? Note: There are 2 correct answers to this question.
* The change log table will be filled only after data activation
* Reporting is done based on a union of the inbound and active tables
* Query result are shown only when data has been activated
* The records are treated as if all characteristics are in the key.
* B. Reporting is done based on a union of the inbound and active tables: This is a behavior that is specific to the Data Mart DataStore Object modeling property. The query reads data from both the inbound table and the active table of the DataStore object, which means that it is not necessary to activate the data to be able to see all the data. The data read is consistent and stable, since data is only included up to the first inconsistent request12.

* D. The records are treated as if all characteristics are in the key: This is a behavior that is specific to the Data Mart DataStore Object modeling property. No keys can be specified for this type of DataStore object, but when the data is activated, it is grouped according to the aggregation behavior of all characteristics. Therefore, key figures cannot be overwritten and only additive deltas can be loaded12.

Reference:

* 1 https://help.sap.com/docs/SAP_BW4HANA/107a6e8a38b74ede94c833ca3b7b6f51/1961a9b62f054cc5a4f0d98485b82fa9.html

* 2 https://help.sap.com/docs/r/dd104a87ab9249968e6279e61378ff66/11.1.0/en-US/9cf20bb96e254f6b9b5bf1c9c1413f35.html

NEW QUESTION 54

You need to derive an architecture overview model from a key figure matrix. Which is the first step you need to take?
* Identify transformations.
* Identify sources.
* Analyze storage requirements.
* Define data marts.

NEW QUESTION 55

You created an Open ODS View on an SAP HANA database table to virtually consume the data in SAP BW/4HANA. Real-time reporting requirements have now changed you are asked to persist the data in SAP BW/4HANA.

Which objects are created when using the “Generate Data Flow” function in the Open ODS View editor?

Note: There are 3 correct answers to this question.
* DataStore object (advanced)
* SAP HANA calculation view
* Transformation
* Data source
* CompositeProvider

NEW QUESTION 56

You create an SAP HANA HDI Calculation View.

What are some of the reasons to choose the data category Cube with Star Join instead of data category Dimension? Note: There are 3 correct answers to this question.
* You can combine master data transactional data.
* You can persist transactional data.
* You can provide default time characteristics.
* You can create restricted columns.
* You can aggregate measures as a sum.
* Cube with Star Join Data Category:

* Used for combining and analyzing transactional and master data with enhanced reporting capabilities.

* Key Advantages:

* Combine Data (Answer A):Combines master and transactional data in a star schema.

* Persist Data (Answer B):Supports the persistence of transactional data.

* Aggregate Measures (Answer E):Enables aggregations like summing measures for analytical reporting.

* Default Time Characteristics (Option C):Not specifically tied to the Cube with Star Join.

* Restricted Columns (Option D):Restricted columns can be created in other data categories as well.

Incorrect Options:References:

* SAP HANA HDI Calculation View Documentation

NEW QUESTION 57

Which source types are available to create a generic DataSource in SAP ERP? Note: There are 3 correct answers to this question.
* ABAP class method
* SAP query
* ABAP managed database procedure
* ABAP function module
* Database view

NEW QUESTION 58

For which use case would you need to model a transitive attribute?
* Generate a transient provider for a BW query on master data attributes
* Store time-dependent snapshots of master data attributes
* Load attributes using the enhanced master data update
* Report on navigational attributes of navigational attributes
* Transitive Attributes Use Case:

* Transitive attributes allow reporting on navigational attributes of other navigational attributes.

* Scenarios:

* For example, if a Product has a Supplier (navigational attribute), and the Supplier has a Country (navigational attribute), a transitive attribute enables reporting directly on the Country associated with a Product.

References:

* SAP Help Portal – Transitive Attributes

* SAP BW/4HANA Attribute Modeling Guide

NEW QUESTION 59

What are the possible ways to fill a pre-calculated value set (bucket)? Note: There are 3 correct answers to this question.
* By using a transformation and data transfer process
* By entering the values manually
* By referencing a table
* By using a query
* By accessing an SAP HANA Calculation View of data category Dimension

NEW QUESTION 60

“Which SAP BW/4HANA objects support the feature of generating an external SAP HANA View?

Note: There are 2 correct answers to this question.
* Open ODS view
* Semantic group object
* Composite Provider
* BW query .

The feature of generating an external SAP HANA view is used to expose SAP BW/4HANA objects as SAP HANA calculation views, which can be consumed by other SAP HANA tools or applications.

The following SAP BW/4HANA objects support this feature:

* Open ODS view, which is a flexible object that can be created on top of any source system and can be used as a source for other objects such as CompositeProviders or BW queries. An Open ODS view can have an external SAP HANA view generated automatically during activation or manually using the context menu option Generate External SAP HANA View.

* Composite Provider, which is a powerful object that can combine data from different InfoProviders using join or union operations. A Composite Provider can have an external SAP HANA view generated automatically during activation or manually using the context menu option Generate External SAP HANA View.

NEW QUESTION 61

Using SAP HANA as modeling focus, you want to combine data from different sources.

Which techniques can you use? Note: There are 2 correct answers to this question.
* BAPIs (Business Application Programming Inetrface)
* Calculation views
* AMDPs (ABAP Manged Database Procedures)

* Stored procedures

NEW QUESTION 62

Which of the following are possible delta-specific field for a generic DataSource in SAP ERP? Note:

There are 3 correct answers to this question.
* Record mode
* Calendar day
* Request ID
* Time stamp
* Numeric pointer

NEW QUESTION 63

Which options do you have when using the remote table feature in SAP Datasphere? Note: There are 3 correct answers to this question.
* Data can be persisted in SAP Datasphere by creating a snapshot (copy of data).
* Data can be persisted by using real-time replication.
* Data can be loaded using advanced transformation capabilities.
* Data can be accessed virtually by remote access to the source system.
* Data access can be switched from virtual to persisted but not the other way around.
* Snapshot Creation (Answer A):

* A snapshot creates a static copy of the data in Datasphere, useful for data archiving or point-in- time analysis.

* Real-Time Replication (Answer B):

* Enables continuous synchronization of data between the source system and Datasphere for up-to- date analytics.

* Virtual Access (Answer D):

* Remote tables allow virtual access to source data without moving it to Datasphere, ensuring real- time data availability.

* Advanced Transformations (Option C):Transformations are not directly supported in the remote table feature.

* Switching Persistence Modes (Option E):Virtual access and persistence modes can typically be alternated.

Incorrect Options:References:

* SAP Datasphere Remote Table Capabilities Documentation

NEW QUESTION 64

For which scenarios do you use the SAP HANA model focus? Note: There are 2 correct answers to this question.
* Load snapshots using ABAP CDS Views.
* Build views procedures using SQL script.
* Define ABAP Managed Database Procedures in data flows.
* Define calculations using geospatial functions.
B. Build views procedures using SQL script:

* This is a core feature of SAP HANA modeling, where you can define Calculation Views or Procedures directly using SQL scripts for advanced data transformations and calculations.

NEW QUESTION 65

Which objects values can be affected by the key date in a BW query? Note: There are 3 correct answers to this question.
* Display attributes
* Basic key figures
* Time characteristics
* Hierarchies
* Navigation attributes

A. Display Attributes:

* Key date determines which version of a display attribute is visible in reports.

D. Hierarchies:

* Time-dependent hierarchies reflect structures based on the key date in a query.

E. Navigation Attributes:

* Time-dependent navigation attributes adapt dynamically to the key date.

References:SAP BW Query Key Date Features (SAP Help Portal).

NEW QUESTION 66

You created an Open ODS view of type Facts.

Which object type can you associate with a view field in the characteristics folder? Note: There are 2 correct answers to this question.
* Open ODS view of type Facts
* Calculation View of type Dimension
* Open ODS view of type Master Data
* InfoObjetc of type Characteristic

NEW QUESTION 67

You want to build an SAP HANA HDI calculation view of data category CUBE, but you get the “no measure defined” error. For the business requirement, a measure does not make sense.

Besides changing the data category to DIMENSION, what do you have to do?
* Switch from an aggregation node to a star join node
* Switch from an aggregation node to a projection node
* Switch form a projection node to an aggregation node
* Switch from a projection node to a star join node

SAP C_BW4H_2404 Exam Syllabus Topics:

TopicDetailsTopic 1- SAP BW- 4HANA Project and the Modeling Process: This segment offers direction on orchestrating SAP BW - 4HANA initiatives.Topic 2- Data Acquisition into SAP BW- 4HANA: This section addresses the incorporation of diverse data origins into SAP BW- 4HANA and the methodologies for data ingestion.Topic 3- SAP Datasphere: This part investigates the implementation of SAP Datasphere, encompassing its modeling components and the SAP BW bridge capabilities.Topic 4- Fundamentals: This portion explores key terminologies, principles, and benefits of SAP BW- 4HANA built on SAP HANA technology.Topic 5- SAP BW4HANA Project and Modeling Process: In this topic, candidates learn about how to design and implement efficient data models within environment of the SAP BW- 4HANA.Topic 6- SAP BW Query Design: This portion encompasses the development and implementation of BW queries in the SAP BW- 4HANA environment.