

# C-BW4H-2505 Test Sample Questions & C-BW4H-2505 Free Study Material

NOTE: Each correct selection is worth one point.

Required secrets:

- Certificate
- Personal access token
- Shared Access Authorization token
- Username and password

Storage location:

- Azure Data Lake
- Azure Key Vault
- Azure Storage with HTTP access
- Azure Storage with HTTPS access

**Answer:**

Required secrets:

- Certificate
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Storage location:

- Azure Data Lake
- Azure Key Vault
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**Explanation:**  
 Every request made against a storage service must be authorized, unless the request is for a blob or container resource that has been made available for public or signed access. One option for authorizing a request is by using Shared Key.  
 Scenario: The mobile applications must be able to call the share pricing service of the existing retirement fund management system. Until the system is upgraded, the service will only support basic authentication over HTTPS.  
 The investment planning applications suite will include one multi-tier web application and two iOS mobile application. One mobile application will be used by employees; the other will be used by customers.  
 Reference: <https://docs.microsoft.com/en-us/rest/api/storageservices/authorize-with-shared-key>

**Question: 3**

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While all of us enjoy the great convenience offered by C-BW4H-2505 information and cyber networks, we also found ourselves more vulnerable in terms of security because of the inter-connected nature of information and cyber networks and multiple sources of potential risks and threats existing in C-BW4H-2505 information and cyber space. Taking this into consideration, our company can provide the best electronic C-BW4H-2505 Exam Torrent for you in this website. I strongly believe that under the guidance of our C-BW4H-2505 test torrent, you will be able to keep out of troubles way and take everything in your stride.

## SAP C-BW4H-2505 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> <li>• SAP BW</li> <li>• 4HANA Project and the Modeling Process: This section of the exam assesses how Data Engineers guide and contribute to SAP BW</li> <li>• 4HANA projects. It includes knowledge of modeling workflows, project lifecycle stages, and collaboration strategies within project teams.</li> </ul>
Topic 2	<ul style="list-style-type: none"> <li>• SAP Analytics Tools and SAP Analytics Cloud: This section evaluates the skills of SAP Consultants in using tools like SAP Analytics Cloud, Lumira, and Analysis for Office to visualize and interpret data. It focuses on the consultant's ability to apply business intelligence tools within the SAP ecosystem.</li> </ul>

Topic 3	<ul style="list-style-type: none"> <li>• SAP BW</li> <li>• 4HANA Data Flow: This section of the exam measures the practical ability of SAP Consultants to load data within the SAP BW</li> <li>• 4HANA environment. It assesses familiarity with data movement and transformation processes across different layers of the system.</li> </ul>
Topic 4	<ul style="list-style-type: none"> <li>• SAP BW Query Design: This section of the exam assesses the ability of Data Engineers to create and run queries using SAP BW</li> <li>• 4HANA. It evaluates how well candidates can work with query components to retrieve and structure data effectively for reporting and analysis.</li> </ul>
Topic 5	<ul style="list-style-type: none"> <li>• Native SAP HANA Modeling: This section evaluates the ability of SAP Consultants to describe and apply native modeling options in SAP HANA. It emphasizes understanding how to build optimized data structures directly within the HANA platform.</li> </ul>

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## C-BW4H-2505 Free Study Material & C-BW4H-2505 Test Score Report

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### SAP Certified Associate - Data Engineer - SAP BW/4HANA Sample Questions (Q64-Q69):

#### NEW QUESTION # 64

For a BW query you want to have the first month of the current quarter as a default value for an input-ready BW variable for the characteristic 0CALMONTH.

Which processing type do you use?

- A. Manual Input with default value
- **B. Manual Input with offset value**
- C. Replacement Path
- D. Customer Exit

**Answer: B**

Explanation:

In SAP BW (Business Warehouse) and SAP Data Engineer - Data Fabric, variables are used in queries to allow dynamic input or automatic determination of values for characteristics like 0CALMONTH (calendar month). The processing type of a variable determines how its value is derived or set. For this question, the goal is to set the first month of the current quarter as the default value for an input-ready BW variable.

\* A. Manual Input with offset value

\* This processing type allows you to define a default value for the variable based on an offset calculation relative to the current date or other reference points.

\* In this case, you can configure the variable to calculate the first month of the current quarter dynamically using an offset. For example:

\* If the current month is April (which belongs to Q2), the variable will automatically calculate January (the first month of Q2).

\* This is achieved by leveraging the system's ability to determine the current quarter and then applying an offset to identify the first month of that quarter.

: In SAP BW Query Designer, the "Manual Input with Offset Value" option is commonly used for time-dependent characteristics like 0CALMONTH to derive dynamic default values.

Incorrect Options: B. Replacement Path

The Replacement Path processing type is used when the variable's value is derived from another object, such as a query, InfoObject, or hierarchy.

While Replacement Path is powerful for linking variables to other data sources, it is not suitable for calculating the first month of the current quarter dynamically based on the system date.

Reference: Replacement Path is more appropriate for scenarios where the value is fetched from a predefined source rather than calculated dynamically.

C). Customer Exit

A Customer Exit allows you to implement custom ABAP code to determine the variable's value. While this approach could technically be used to calculate the first month of the current quarter, it is unnecessarily complex for this requirement.

Using a Customer Exit would require additional development effort, whereas the "Manual Input with Offset Value" option provides a simpler, out-of-the-box solution.

Reference: Customer Exits are typically reserved for highly customized or complex logic that cannot be achieved through standard processing types.

D). Manual Input with default value

The "Manual Input with Default Value" processing type allows you to specify a static default value for the variable. However, this option does not support dynamic calculations based on the current date or quarter.

Since the requirement is to dynamically determine the first month of the current quarter, this option is not suitable.

Reference: Static default values are useful for fixed inputs but lack the flexibility needed for time-dependent calculations.

Conclusion: The correct answer is A. Manual Input with offset value, as it provides the necessary functionality to dynamically calculate the first month of the current quarter based on the system date. This approach is both efficient and straightforward, leveraging SAP BW's built-in capabilities without requiring additional customization or development.

#### NEW QUESTION # 65

What foundation is necessary to use SAP S/4HANA embedded analytics?

- A. SAP HANA optimized business content
- B. ABAP CDS view based virtual data model
- C. Generated external SAP HANA Calculation Views
- D. SAP Agile Data Preparation

**Answer: B**

#### NEW QUESTION # 66

Which source types are available to create a generic DataSource in SAP ERP? Note: There are 3 correct answers to this question.

- A. ABAP class method
- B. ABAP managed database procedure
- C. ABAP function module
- D. Database view
- E. SAP query

**Answer: C,D,E**

#### NEW QUESTION # 67

Which types of values can be protected by analysis authorizations? Note: There are 2 correct answers to this question.

- A. Hierarchy node values
- B. Key figure values
- C. Display attribute values
- D. Characteristic values

**Answer: A,D**

Explanation:

Analysis authorizations in SAP BW/4HANA are used to restrict access to specific data based on user roles and permissions. Let's analyze each option:

\* Option A: Characteristic values This is correct. Analysis authorizations can protect characteristic values by restricting access to specific values of a characteristic (e.g., limiting access to certain regions, products, or customers). This is one of the primary use cases for analysis authorizations.

\* Option B: Display attribute values This is incorrect. Display attributes are descriptive fields associated with characteristics and are not directly protected by analysis authorizations. Instead, analysis authorizations focus on restricting access to the main characteristic values themselves.

\* Option C: Key figure values This is incorrect. Key figures represent numeric data (e.g., sales amounts, quantities) and cannot be directly restricted using analysis authorizations. Instead, restrictions on key figure values are typically achieved indirectly by controlling access to the associated characteristic values.

\* Option D: Hierarchy node values This is correct. Analysis authorizations can protect hierarchy node values by restricting access to specific nodes within a hierarchy. For example, users can be granted access only to certain levels or branches of an organizational hierarchy.

References: SAP BW/4HANA Security Guide: Explains how analysis authorizations work and their application to characteristic values and hierarchy nodes.

SAP Help Portal: Provides detailed documentation on configuring analysis authorizations and their impact on data access.

SAP Community Blogs: Experts often discuss practical examples of using analysis authorizations to secure data.

In summary, analysis authorizations can protect characteristic values and hierarchy node values, making options A and D the correct answers.

## NEW QUESTION # 68

Which recommendations should you follow to optimize BW query performance? Note: There are 3 correct answers to this question.

- A. Include fewer drill-down characteristics in the initial view.
- B. Use the dereference option for reusable filters.
- C. Use the include mode within filter restrictions.
- D. Use mandatory characteristic value variables.
- E. Create linked components.

**Answer: A,C,D**

Explanation:

Optimizing BW query performance is critical for ensuring efficient reporting and analysis in SAP BW/4HANA. Let's analyze each option to determine why B, C, and D are correct:

\* Explanation: Including too many drill-down characteristics in the initial view of a BW query can significantly impact performance. Each additional characteristic increases the complexity of the query and the volume of data retrieved, leading to slower response times. By limiting the number of characteristics in the initial view, you reduce the amount of data processed upfront, improving query performance.

\* In SAP BW/4HANA, best practices recommend designing queries with a minimal set of characteristics in the initial view and allowing users to add drill-downs dynamically as needed.

2. Use mandatory characteristic value variables (Option C) Explanation: Mandatory characteristic value variables force users to specify filter values before executing a query. This reduces the amount of data retrieved by the query, as the system only processes the filtered subset of data. Without mandatory variables, queries may retrieve large datasets unnecessarily, leading to poor performance.

Reference: SAP BW/4HANA provides variable types such as single-value, multiple-value, and interval variables that can be marked as mandatory. These variables help optimize query execution by narrowing down the data scope.

3. Use the include mode within filter restrictions (Option D) Explanation: The "include mode" in filter restrictions ensures that only the specified values are included in the query result. This is more efficient than using "exclude mode," which requires the system to evaluate all possible values and exclude the specified ones. Using include mode reduces the computational overhead and improves query performance.

Reference: SAP BW/4HANA recommends using include mode for filters wherever possible, as it simplifies the filtering logic and enhances performance.

4. Create linked components (Option A) Explanation: Linked components are used to create reusable query elements, such as structures or formulas, but they do not directly impact query performance. While linked components improve maintainability and consistency, they are not a performance optimization technique.

Reference: Linked components are primarily a design-time feature and do not influence runtime query execution.

5. Use the dereference option for reusable filters (Option E) Explanation: The dereference option for reusable filters allows filters to be reused across multiple queries. However, this does not inherently improve query performance. The performance impact depends on how the filters are defined and applied, not on the reuse mechanism itself.

Reference: Reusable filters are a design-time feature aimed at reducing redundancy, but they do not directly optimize query execution.

Conclusion The correct answers are B (Include fewer drill-down characteristics in the initial view), C (Use mandatory characteristic value variables), and D (Use the include mode within filter restrictions). These recommendations directly address query performance by reducing data volume and optimizing filtering logic.

