# [Q10-Q30 2024 Updated C\_BW4H\_2404 PDF for the C\_BW4H\_2404 Tests Free Updated Today!



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Q10. 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
- \* Virtual data mart layer
- \* Flexible Enterprise Data Warehouse Core layer.
- \* D. Flexible Enterprise Data Warehouse Core layer: This is the layer of the layered scalable architecture (LSA++) of SAP BW/4HANA that is designed as the main storage for harmonized consistent data. The Flexible Enterprise Data Warehouse Core layer contains the Corporate Memory and the Quality & Harmonization layers, which are used to store and harmonize data from different sources and systems.

The data in this layer is modeled using DataStore objects (advanced) and InfoObjects, and can be accessed by different data marts for reporting and analysis purposes 12.

#### Reference:

\* 1 https://help.sap.com/doc/saphelp\_nw75/7.5.5/en-

US/4a/124597ca771b41e10000000a421937/content.htm

\* 2 https://help.sap.com/doc/r/dd104a87ab9249968e6279e61378ff66/11.0.8/en- US/0062afefa6db41eaa9460afef1894beb.html

Q11. While running a query insufficient analysis authorization causes an error message.

Which transaction can be used to trace the missing authorization for the specific characteristic values?

- \* Transaction ST01
- \* Transaction RSUDO
- \* Transaction STAUTHTRACE
- \* Transaction SU53

**Q12.** You notice that an SAP ERP ODP\_SAP DataSource is delivering incorrect values into the first persistent data layer in SAP BW/4HANA. Which options do you have to analyze a potential extractor issue? Note: There are 2 correct answers to this question.

- \* Use the ODQ maintance in SAP BW/4HANA
- \* Use transaction RSA3 (Extractor checker) in SAP ERP
- \* Check entries in table RSDDSTATEXTRACT in SAP ERP
- \* Use program RODPS\_REPL\_TEST in SAP ERP

Q13. Which modeling decisions may have side effects on runtime performance? Note: There are 3 correct answers to this question.

- \* Use a transitive attribute instead of an attribute that is directly assigned to a characteristic.
- \* Uncheck the " Write change log" property for a Stard DataStore Object.
- \* Move a characteristic within a DataMart DataStore object to a different group.
- \* Change a time-independent attribute of a characteristic to a time-dependent attribute.
- \* Include a characteristic from the underlying DataMart DataStore Object in the CompositeProvider instead of a navigation attribute.

**Q14.** 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/

Q15. Which objects can be affected by the key date in a BW query? Note: There are 3 correct answers to this question.

\* Navigation attributes

- \* Hierachies
- \* Key figures
- \* Conditions
- \* Display attributes

**Q16.** In an SAP HANA HDI Calculation View, you need to combine attributes data (left table) and the data's language-dependent text (right table) using a text join. What should you select to restrict the result set to the logon language?

- \* the language column in the left table
- \* the language column in the right table
- \* The logon language in the left table
- \* The join cardinality between both tables

Q17. 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

**Q18.** Which SAP solutions can leverage the Write Interface for DataStore objects (advanced) to push data into the inbound table of DataStore objects (Advanced)?

There are 2 correct answers to this question.

- \* SAP Data Services
- \* SAP Landscape Transformation Replication Server
- \* SAP Process Integration
- \* SAP Data Warehouse Cloud.
- \* A. SAP Data Services: This tool can leverage the Write Interface for DataStore objects (advanced) to push data into the inbound table of DataStore objects (advanced) using RFC or HTTP calls. This can improve the performance and flexibility of data integration scenarios 12.
- \* B. SAP Landscape Transformation Replication Server: This tool can leverage the Write Interface for DataStore objects (advanced) to push data into the inbound table of DataStore objects (advanced) using RFC or HTTP calls. This can improve the performance and flexibility of data replication scenarios13.

## Reference:

- $*\ 1\ https://help.sap.com/docs/r/107a6e8a38b74ede94c833ca3b7b6f51/2.0.6/en-US/8127edbcf2fa488ba04dfc1751d5261d.html$
- \* 2 https://blogs.sap.com/2020/08/17/sap-bw-4hana-write-interface-enabled-adso-connected-to-a-3rd-party-tool/
- $* \ \ 3 \ https://help.sap.com/docs/r/107a6e8a38b74ede94c833ca3b7b6f51/2.0.4/en-US/8127edbcf2fa488ba04dfc1751d5261d.html$

Q19. You defined a condition in a BW query for the top 10 of 100 customers based on sales revenue.

Using key figure properties in the BW query which two scenarios regarding result presentation can be achieved? Note: There are 2 correct answers to this question.

- \* One result row with the sales revenue sum of all 100 customers
- \* One result row with the sales revenue sum of the top 10 customers a second result row with the sales revenue sum of all 100

#### customers

- \* One result row with the sales revenue sum of the top 10 customers
- \* One result row with the sales revenue sum of the top 10 customers a second result row with the sales revenue sum of the other 90 customers

**Q20.** You use InfoObject B as a display attribute for InfoObject A.

Which object properties prevent you from changing InfoObject B into a navigational attribute for InfoObject A? Note: There are 3 correct nswers to this question."

- \* High Cardinality is set in InfoObject B
- \* Attribute Only is set in InfoObject B
- \* Data Type " Character String " is set in InfoObject A
- \* Conversion Routine "ALPHA" is set in InfoObject A
- \* InfoObject B is defined as a Key Figure.
- \* A. High Cardinality is set in InfoObject B: This is an object property that prevents you from changing InfoObject B into a navigational attribute for InfoObject A. A characteristic with high cardinality cannot be used as a navigation attribute for another characteristic, and therefore it cannot have navigation attributes itself12.
- \* B. Attribute Only is set in InfoObject B: This is an object property that prevents you from changing InfoObject B into a navigational attribute for InfoObject A. A characteristic that is marked as an exclusive attribute can only be used as a display attribute for another characteristic, but not as a navigational attribute. In addition, the characteristic cannot be transferred into InfoCubes34.
- \* D. Conversion Routine " ALPHA" is set in InfoObject A: This is an object property that prevents you from changing InfoObject B into a navigational attribute for InfoObject A. A characteristic that has a conversion routine cannot have navigational attributes, because the conversion routine would have to be applied to the navigational attributes as well, which is not possible5.

## Reference:

\* 1 https://help.sap.com/docs/SAP\_BW4HANA/107a6e8a38b74ede94c833ca3b7b6f51/f851415842154e

59a5f038e458b97a0b.html

\* 2 https://help.sap.com/doc/saphelp\_nw75/7.5.5/en-

US/f8/51415842154e59a5f038e458b97a0b/content.htm

\* 3 https://help.sap.com/doc/saphelp\_scm700\_ehp02/7.0.2/en-

US/63/f3c416bcbf4730bb86e62ef8a54e17/content.htm

- $*\ 4\ https://answers.sap.com/questions/1149854/difference-display-attribute-and-navigational-attr.html$
- \* 5 https://help.sap.com/doc/saphelp\_nw75/7.5.5/en-

US/42/f93a83ae5546d3a7cfd7ff09e25a2b/content.htm

\* https://answers.sap.com/questions/10121838/infoobjects-attributes.html

Q21. You create a report with SAP Crystal Reports for Enteprise and need an analysis view as a data source.

Which tool can you use to create this analysis view?

- \* SAP BusinessObjetc Web Intelligence
- \* SAP Lumira, designer edition
- \* SAP Crustal Reportis for Enterprise
- \* SAP Analysis for Microsoft Office

Q22. Which type of data builder object can be used to fetch delta data from a remote table located in the SAP BW bridge space?

- \* Transformation Flow
- \* Entity relationship model
- \* Replication Flow
- \* Data Flow

**Q23.** You have an existing field-based data flow that follows the LSA++ concept. To meet a new urgent business requirement for a field you want to leverage a hierarchy of an existing characteristic without changing the transformation. How can you achieve this? Note: There are 2 correct answers to this question.

- \* Associate the field with the characteristic in the CompositeProvider
- \* Add the characteristic to the DataStore object (advanced)
- \* Associate the field with the characteristic In the Open ODS View
- \* Assign hierarchy properties to the field in the SW Query

Q24. How can the delta merge process be initiated in SAP BW/4HANA? Note: There are 2 correct answers to this question.

- \* By using a specific process type in a process chain
- \* By using the SAP BW/4HANA data load monitor
- \* By setting a specific flag in the transformation
- \* By setting a specific flag in the data transfer process

**Q25.** 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 loaded 12.

# 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

**Q26.** What are some of the prerequisites for using SAP S/4HANA ABAP CDS views for extraction into SAP BW/4HANA in an ODP context? Note: There are 2 correct answers to this question.

- \* The ABAP CDS views must be released through the program RODPS\_OS\_EXPOSE for BW extraction.
- \* The Operational Data Provisioning Framework must be configured in SAP BW/4HANA.
- \* An ODP source system with context ODP\_CDS must be created in SAP BW/4HANA.
- \* The ABAP CDS views must be defined with the appropriate data extraction annotations.

Q27. How can the delta merge process be initiated in SAP BW/4HANA? Note: There are 2 correct answers to this question.

- \* By setting a specific flag in the data transfer process
- \* By using a specific process type in a process chain
- \* By setting a specific flag in the transformation
- \* By using the SAP BW/4HANA data load monitor.

The delta merge process is used to transfer data modifications from the delta storage to the main storage in SAP HANA database.

It can be initiated in SAP BW/4HANA in the following ways:

- \* By using a specific process type in a process chain, called Trigger for DB Merge. This process type can be added to a process chain and linked to the loading processes that require a delta merge. The process type allows specifying the object type and name for the delta merge.
- \* By using the SAP BW/4HANA data load monitor, which is a web-based tool for monitoring and managing data loads. The data load monitor has an option to trigger a database merge for an object after a successful data load.

**Q28.** For which requirements do you suggest an SAP HANA modeling focus rather than an SAP BW/4HANA modeling focus? Note: There are 2 correct answers to this question.

- \* Finding the best match using a fuzzy search
- \* Loading snapshots or deltas from different sources on a periodic basis
- \* Leveraging SQL in-house knowledge
- \* Reporting on a harmonized set of master data

**Q29.** In which ODP context is the operational delta queue (ODQ) managed by the target system?

- \* ODP\_BW
- \* ODP\_CDS
- \* ODP\_SAP
- \* ODPJHANA

**Q30.** 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

# SAP C\_BW4H\_2404 Exam Syllabus Topics:

TopicDetailsTopic 1- Data Modeling and Design: This segment delves into the attributes and features of modeling entities within SAP BW- 4HANA and SAP HANA HDI frameworks. Topic 2- SAP BW Query Design: This portion encompasses the development and implementation of BW queries in the SAP BW- 4HANA environment. Topic 3- Fundamentals: This portion explores key terminologies, principles, and benefits of SAP BW- 4HANA built on SAP HANA technology. Topic 4- SAP Datasphere: This part investigates the implementation of SAP Datasphere, encompassing its modeling components and the SAP BW bridge capabilities. Topic 5- 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.

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