

# C-ABAPD-2507 Learning Mode, C-ABAPD-2507 Online Training

C_ABAPD_2507	
Number of Questions:	80
Question Types:	Multiple-choice and multiple-response
Duration:	180 minutes
Cut Score:	65%
Available Languages:	English (others may be available)

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## SAP C-ABAPD-2507 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>ABAP RESTful Application Programming Model: This section of the exam measures skills of SAP Application Programmers and covers the fundamentals of the ABAP RESTful Application Programming Model (RAP). It includes topics such as behavior definitions, service binding, and the use of managed and unmanaged scenarios. The focus is on building modern, scalable, and cloud-ready applications using RAP.</li></ul>
Topic 2	<ul style="list-style-type: none"><li>Core ABAP Programming: This section of the exam measures skills of SAP Application Programmers and covers foundational ABAP programming knowledge. Topics include modularization techniques, internal tables, control structures, and classical report programming. Mastery of these concepts is essential for building efficient ABAP applications.</li></ul>
Topic 3	<ul style="list-style-type: none"><li>SAP Clean Core Extensibility and ABAP Cloud: This section of the exam measures skills of SAP Application Programmers and covers the clean core principles and extensibility options within SAP BTP. It also includes cloud-native ABAP development practices, emphasizing the creation of upgrade-stable and maintainable extensions aligned with SAP's cloud strategy.</li></ul>
Topic 4	<ul style="list-style-type: none"><li>ABAP Core Data Services and Data Modeling: This section of the exam measures skills of SAP ABAP Developers and covers the creation, definition, and use of Core Data Services (CDS) views for data modeling within SAP environments. Candidates are expected to understand annotations, data definitions, and the role of CDS in enabling advanced data processing and integration across SAP systems.</li></ul>
Topic 5	<ul style="list-style-type: none"><li>Object-Oriented Design: This section of the exam measures skills of SAP ABAP Developers and covers the basics of object-oriented programming in ABAP. It includes concepts such as classes, interfaces, inheritance, polymorphism, and encapsulation, all of which are necessary for building robust and scalable ABAP applications.</li></ul>

## C-ABAPD-2507 Online Training & Latest C-ABAPD-2507 Dumps Free

For the recognition of skills and knowledge, more career opportunities, professional development, and higher salary potential, the C-ABAPD-2507 certification exam is the proven way to achieve these tasks quickly. Overall, we can say that with the SAP Certified Associate - Back-End Developer - ABAP Cloud (C-ABAPD-2507) exam you can gain a competitive edge in your job search and advance your career in the tech industry. However, to pass the C-ABAPD-2507 Exam you have to prepare well. For the quick C-ABAPD-2507 exam preparation the C-ABAPD-2507 Questions is the right choice.

### SAP Certified Associate - Back-End Developer - ABAP Cloud Sample Questions (Q19-Q24):

#### NEW QUESTION # 19

Which of the following ON conditions must you insert in place of "???"?

- A. ON Sprojection. Carrier Source2.carrier
- **B. ON Sprojection.carrier\_id=Z\_Source2.carrier\_id**
- C. ON Z\_Source1.camer\_id = 7\_Source2 carrier\_id
- D. ON Sprojection Camer=Source2 carrier\_id

**Answer: B**

Explanation:

The correct ON condition that must be inserted in place of "???" is:

ON Sprojection.carrier\_id=Z\_Source2.carrier\_id

This ON condition specifies the join condition between the CDS view Sprojection and the database table Z\_Source2. The join condition is based on the field carrier\_id, which is the primary key of both the CDS view and the database table. The ON condition ensures that only the records that have the same value for the carrier\_id field are joined together1.

The other options are not valid ON conditions, because:

A . ON Z\_Source1.camer\_id = 7\_Source2 carrier\_id is not valid because Z\_Source1 and 7\_Source2 are not valid data sources in the given code. There is no CDS view or database table named Z\_Source1 or 7\_Source2. The correct names are Z\_Source1 and Z\_Source2. Moreover, the field camer\_id is not a valid field in the given code. There is no field named camer\_id in any of the data sources. The correct name is carrier\_id.

B . ON Sprojection Camer=Source2 carrier\_id is not valid because Sprojection and Source2 are not valid data sources in the given code. There is no CDS view or database table named Sprojection or Source2. The correct names are Sprojection and Z\_Source2. Moreover, the field Camer is not a valid field in the given code. There is no field named Camer in any of the data sources. The correct name is carrier\_id. Furthermore, the ON condition is missing the dot (.) operator between the data source name and the field name, which is required to access the fields of the data source1.

C . ON Sprojection. Carrier Source2.carrier is not valid because Carrier and carrier are not valid fields in the given code. There is no field named Carrier or carrier in any of the data sources. The correct name is carrier\_id. Moreover, the ON condition is missing the dot (.) operator between the data source name and the field name, which is required to access the fields of the data source1.

#### NEW QUESTION # 20

Which of the following actions cause an indirect change to a database table requiring a table conversion? Note: There are 2 correct answers to this question.

- **A. Deleting a field from a structure that is included in the table definition.**
- **B. Renaming a field in a structure that is included in the table definition**
- C. Changing the field labels of a data element that is used in the table definition.
- D. Shortening the length of a domain used in a data element that is used in the table definition.

**Answer: A,B**

Explanation:

The following are the explanations for each action:

A: Renaming a field in a structure that is included in the table definition causes an indirect change to the database table, as the field name in the table is derived from the structure. This change requires a table conversion, as the existing data in the table must be

copied to a new table with the new field name, and the old table must be deleted.

B: Changing the field labels of a data element that is used in the table definition does not cause an indirect change to the database table, as the field labels are only used for documentation and display purposes. This change does not require a table conversion, as the existing data in the table is not affected by the change.

C: Deleting a field from a structure that is included in the table definition causes an indirect change to the database table, as the field is removed from the table as well. This change requires a table conversion, as the existing data in the table must be copied to a new table without the deleted field, and the old table must be deleted.

D: Shortening the length of a domain used in a data element that is used in the table definition causes an indirect change to the database table, as the field length in the table is derived from the domain. This change requires a table conversion, as the existing data in the table must be checked for compatibility with the new field length, and any data that exceeds the new length must be truncated or rejected.

### NEW QUESTION # 21

For what kind of applications would you consider using on-stack developer extensions? Note: There are 2 correct answers to this question.

- A. Applications that provide APIs for side by side SAP BTP apps
- B. Applications that access SAP S/4HANA data using complex SQL
- C. Applications that run separate from SAP S/4HANA
- D. Applications that integrate data from several different systems

**Answer: A,B**

Explanation:

On-stack developer extensibility is a type of extensibility that allows you to create development projects directly on the SAP S/4HANA Cloud technology stack. It gives you the opportunity to develop cloud-ready and upgrade-stable custom ABAP applications and services inside the SAP S/4HANA Cloud, public edition system. You can use the ABAP Development Tools in Eclipse to create and deploy your on-stack extensions. On-stack developer extensibility is suitable for the following kinds of applications:

Applications that provide APIs for side by side SAP BTP apps. On-stack developer extensibility allows you to create OData services or RESTful APIs based on CDS view entities or projection views. These services or APIs can expose SAP S/4HANA data and logic to other applications that run on the SAP Business Technology Platform (SAP BTP) or other platforms. This way, you can create a loosely coupled integration between your SAP S/4HANA system and your side by side SAP BTP apps.

Applications that access SAP S/4HANA data using complex SQL. On-stack developer extensibility allows you to use ABAP SQL to access SAP S/4HANA data using complex queries, such as joins, aggregations, filters, parameters, and code pushdown techniques. You can also use ABAP SQL to perform data manipulation operations, such as insert, update, delete, and upsert. This way, you can create applications that require advanced data processing and analysis on SAP S/4HANA data.

The other kinds of applications are not suitable for on-stack developer extensibility, as they have different requirements and challenges. These kinds of applications are:

Applications that integrate data from several different systems. On-stack developer extensibility is not meant for creating applications that integrate data from multiple sources, such as other SAP systems, third-party systems, or cloud services. This is because on-stack developer extensibility does not support remote access or data replication, and it may cause performance or security issues. For this kind of applications, you should use side by side extensibility, which allows you to create applications that run on the SAP BTP and communicate with the SAP S/4HANA system via public APIs or events.

Applications that run separate from SAP S/4HANA. On-stack developer extensibility is not meant for creating applications that run independently from the SAP S/4HANA system, such as standalone apps, microservices, or web apps. This is because on-stack developer extensibility requires a tight coupling with the SAP S/4HANA system, and it may limit the scalability, flexibility, and portability of the applications. For this kind of applications, you should use side by side extensibility, which allows you to create applications that run on the SAP BTP and leverage the cloud-native features and services of the platform.

### NEW QUESTION # 22

What can you do in SAP S/4HANA Cloud, public edition?

Note: There are 2 correct answers to this question.

- A. Use ABAP Development Tools in Eclipse (ADT)
- B. Modify SAP objects
- C. Use SAP-released extension points
- D. Use Web Dynpros

Answer: A,C

**NEW QUESTION # 23**

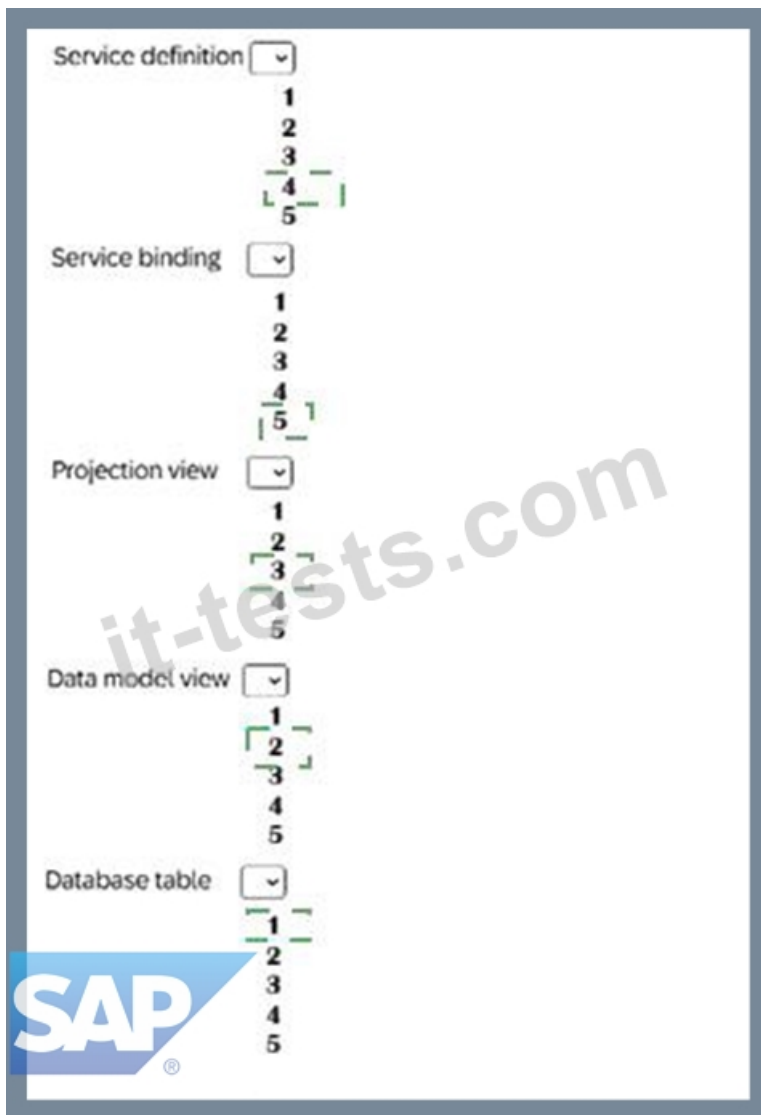
In what order are objects created to generate a RESTful Application Programming application?

The screenshot displays the SAP S/4HANA Cloud RESTful API Builder interface. It shows a sequence of five objects to be created, each with a dropdown menu for selection and a list of five numbered options (1-5). The objects are: Service definition, Service binding, Projection view, Data model view, and Database table. A large watermark 'it-tests.com' is overlaid diagonally across the center. The SAP logo is visible in the bottom right corner.

Object Type	Options
Service definition	1, 2, 3, 4, 5
Service binding	1, 2, 3, 4, 5
Projection view	1, 2, 3, 4, 5
Data model view	1, 2, 3, 4, 5
Database table	1, 2, 3, 4, 5

Answer:

Explanation:



Explanation:

Database table

Data model view

Projection view

Service definition

Service binding

In RAP, the development flow follows a bottom-up approach, beginning with persistence and ending with OData exposure:

\* Database table: The persistence layer where data is stored. This is the foundation of the business object model.

\* Data model view (CDS entity): The CDS view is defined on top of the database table to provide a semantic data model. It represents entities like Travel or Booking.

\* Projection view: Provides an abstraction of the data model view and controls which fields and associations are exposed externally.

\* Service definition: Specifies which projection views (entities) are exposed in the OData service.

\* Service binding: Connects the service definition to a communication protocol (e.g., OData V2 or V4), generating the final consumable service endpoint.

This sequence ensures a layered architecture consistent with RAP guidelines:

\* Persistence layer # Data model layer # Projection layer # Service layer # Binding to protocol.

Reference: SAP Help 1, pages 4-6 - RAP design time development flow (data modeling, business service provisioning, service consumption).

## NEW QUESTION # 24

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