SALESFORCE CERTIFIED DATA ARCHITECTURE PRACTICE TEST (SAMPLE)

STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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https://salesforce-dataarchitecture.examzify.com

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Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

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How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

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Questions

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1. What are the key steps a data architect should take when merging data from multiple systems into Salesforce?

A. Create new fields to store additional values from all the systems.

B. Install a 3rd party AppExchange tool to handle the merger.

C. Utilize an ETL tool to merge, transform and de-duplicate data.

D. Work with Stakeholders to define record and field survivorship rules.

2. What challenges might arise from not having a single source of truth?

A. Increased data redundancy and discrepancies

B. Better data security for sensitive information

C. More streamlined data analysis processes

D. Enhanced user collaboration

3. How does Salesforce handle record deletion?

A. By permanently removing records from the database

B. Based on object configuration, including retention and deletion processes

C. Through an automated archiving process

D. By sending deleted records to an external storage service

4. What is the recommended approach to re-run data migration tests in a full copy sandbox?

A. Truncate all objects quickly and re-run the data migration test.

B. Refresh the full copy sandbox and re-run the data migration test.

C. Hard delete all objects' data and re-run the data migration test.

D. Truncate all objects and hard delete before running the migration test.

5. Which three recommendations should a data architect make to reduce the number of records from the org?

A. Use hard delete in Bulk API to permanently delete records.

B. Use hard delete in batch Apex to permanently delete records.

C. Identify records that have not been modified in the last 3 years.

D. Use Rest API to delete records from the Salesforce org.

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6. How can users ensure data quality within Salesforce?

A. By conducting regular training sessions

B. Through validation rules and regular audits

C. By increasing user permissions

D. Through automatic data deletion

7. Why is data encryption important in Salesforce?

A. It enhances user interface design

B. It protects sensitive information from unauthorized access

C. It helps in tracking user activities

D. It stores data in a more organized manner

8. What is the benefit of using selective SOQL queries in Salesforce?

A. They allow data to be manually adjusted

B. They improve the efficiency of data retrieval

C. They help to create dashboards instantly

D. They organize data into multiple objects

9. What is the recommended solution to ensure that support agents can quickly find shipment records?

A. Implement an archiving process for shipment records created after five years.

B. Implement an archiving process for shipment records created after three years.

C. Set Customer_Reference__c as an indexed field.

D. Increase the number of shipment records in the database.

10. What is the recommended solution for ensuring access to current and historical data from IoT technology implemented by Universal Containers?

A. Create new custom fields for temperature and humidity in the existing Container custom object.

B. Create a new Container Reading custom object that is updated when a measure is received for a specific container.

C. Utilize Salesforce's standard objects to record all temperature and humidity data.

D. Log data updates in an external database to maintain a history.

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Answers

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1. C
2. A
3. B
4. B
5. A
6. B
7. B
8. B
9. C
10. B

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Explanations

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1. What are the key steps a data architect should take when merging data from multiple systems into Salesforce?

A. Create new fields to store additional values from all the systems.

B. Install a 3rd party AppExchange tool to handle the merger.

C. Utilize an ETL tool to merge, transform and de-duplicate data.

D. Work with Stakeholders to define record and field survivorship rules.

Utilizing an ETL (Extract, Transform, Load) tool to merge, transform, and de-duplicate data is a crucial step for a data architect when integrating data from multiple systems into Salesforce. ETL tools are designed to handle large volumes of data, allowing for efficient extraction from different data sources, transforming that data into a suitable format, and loading it into the target system—in this case, Salesforce. This approach is beneficial as it allows for systematic data cleansing, which includes deduplication to ensure that only unique records are retained during the merging process. Furthermore, ETL tools often incorporate advanced features for handling data transformation, such as mapping fields from source systems to the appropriate fields in Salesforce, ensuring data integrity, consistency, and compliance with business rules across various systems. In the context of data merging, the process handled by ETL tools can significantly streamline the integration workflow, reducing the potential for errors and mismatches that may occur when managing data manually or using basic manual methods. This choice reflects an understanding of the technical requirements and complexity involved in effective data integration within Salesforce.

2. What challenges might arise from not having a single source of truth?

A. Increased data redundancy and discrepancies

B. Better data security for sensitive information

C. More streamlined data analysis processes

D. Enhanced user collaboration

Having a single source of truth is crucial for ensuring data integrity and consistency across an organization. When there isn't one authoritative data source, challenges such as increased data redundancy and discrepancies can arise. Different departments or teams may maintain their versions of data that can become outdated or inaccurate. This fragmentation leads to confusion and may result in individuals making decisions based on inconsistent information. The ramifications of this situation include inefficiencies in workflows, as teams may waste time reconciling differences in data, and reduced trust in data-driven decision-making processes, as stakeholders may question which data is correct. Therefore, maintaining a unified, authoritative source for data helps mitigate these issues by ensuring that everyone in the organization is referencing the same, up-to-date information, which promotes data integrity and more effective decision-making. On the other hand, the alternative choices presented do not align with the concept of not having a single source of truth. They suggest outcomes that would typically require the presence of a well-managed and centralized data system rather than the chaos resulting from multiple, potentially conflicting data sources.

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3. How does Salesforce handle record deletion?

A. By permanently removing records from the database

B. Based on object configuration, including retention and deletion processes

C. Through an automated archiving process

D. By sending deleted records to an external storage service

Salesforce manages record deletion through various processes that depend on the object's configuration, including retention policies and deletion procedures defined by the organization. This ensures that data management aligns with regulatory requirements and organizational policies. When records are deleted in Salesforce, they typically enter a soft-deletion state, where they can be restored within a certain time frame (like 15 days for standard objects). This behavior is influenced by configuration settings that dictate how long records are retained or if they can be permanently deleted. The platform's ability to customize these processes helps organizations balance their data management needs with compliance and retention obligations. In contrast, the other choices describe processes that are not aligned with Salesforce's actual handling of deletions. For instance, while permanently removing records may occur eventually, it is not the initial approach taken during deletion. The automated archiving process and the handling of deleted records by external services are not standard features of Salesforce's data deletion workflows. Thus, the correct understanding hinges on recognizing the configurable nature of record deletion within Salesforce.

4. What is the recommended approach to re-run data migration tests in a full copy sandbox?

A. Truncate all objects quickly and re-run the data migration test.

B. Refresh the full copy sandbox and re-run the data migration test.

C. Hard delete all objects' data and re-run the data migration test.

D. Truncate all objects and hard delete before running the migration test.

The recommended approach to re-run data migration tests in a full copy sandbox is to refresh the full copy sandbox and then re-run the data migration test. This process ensures that you begin with a clean slate, making sure that the testing environment is up-to-date and accurately reflects the production environment. Refreshing the sandbox allows you to bring in the latest configurations, data models, and relationships that may have been altered since the last migration test, helping to ensure that your tests are valid and reflective of the current state of your organization. Starting anew with a refreshed sandbox also helps to avoid any potential issues that could arise from residual data or configurations that were part of previous test runs, ensuring that you are testing under optimal conditions. This method is generally favored when performing extensive data migrations since it reduces the chances of encountering unexpected data integrity issues or orphaned records, leading to a more reliable and informative testing process.

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5. Which three recommendations should a data architect make to reduce the number of records from the org?

A. Use hard delete in Bulk API to permanently delete records.

B. Use hard delete in batch Apex to permanently delete records.

C. Identify records that have not been modified in the last 3 years.

D. Use Rest API to delete records from the Salesforce org.

Using hard delete in Bulk API to permanently delete records is a strategic recommendation for data architects focused on efficiently managing data storage and maintaining an optimized Salesforce organization. The Bulk API is specifically designed for handling large volumes of data, allowing users to delete thousands of records at once, which makes it a practical choice for organizations needing to manage and reduce their record count effectively. Hard delete is particularly valuable because it removes records permanently from the recycle bin, which can help reclaim storage space immediately instead of allowing records to linger temporarily. This permanent removal is essential for organizations that have strict data retention policies or are subject to compliance regulations. In contrast, while batch Apex can also be used for deleting records, it involves more complexity in terms of governance limits and execution time, making it less directly suited for bulk operations compared to the Bulk API. Similarly, methods like the REST API are typically not optimized for handling large batches of data, and using them could lead to performance issues. Identifying records that have not been modified in the last 3 years certainly aligns with a sound data management strategy, allowing for targeted deletion. However, it does not itself perform any action to reduce records—it is more of a preliminary analysis step. Overall, recommending the hard delete via Bulk API leverages Salesforce

6. How can users ensure data quality within Salesforce?

A. By conducting regular training sessions

B. Through validation rules and regular audits

C. By increasing user permissions

D. Through automatic data deletion

Ensuring data quality within Salesforce is crucial for maintaining the integrity and reliability of the information stored in the system. The use of validation rules and regular audits provides a systematic approach to upholding data quality. Validation rules are configurations that prevent users from saving records that do not meet specified criteria, ensuring that only accurate and valid data enters the system. This real-time feedback mechanism helps capture errors as they occur, reducing the likelihood of incorrect data being processed or analyzed later. Regular audits complement validation rules by systematically reviewing data for inconsistencies, redundancies, and other quality issues. Audits can involve checking specific fields for accuracy, verifying entries against established standards, and identifying duplicates. Together, these practices foster a culture of accountability and precision, leading to improved data quality over time. In contrast, while conducting regular training sessions is beneficial for user awareness and capability, it does not directly enforce data quality. Increasing user permissions may inadvertently allow for more errors if users are not adequately trained. Automatic data deletion, while useful in some contexts, does not build data quality; instead, it often removes data without addressing the underlying issues that may lead to poor quality in the first place.

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7. Why is data encryption important in Salesforce?

A. It enhances user interface design

B. It protects sensitive information from unauthorized access

C. It helps in tracking user activities

D. It stores data in a more organized manner

Data encryption is crucial in Salesforce because it safeguards sensitive information from unauthorized access. In today's digital landscape, where data breaches and cyber threats are prevalent, ensuring that sensitive data—such as personal identification information, financial records, and confidential business information—is protected is paramount. Encryption converts data into a coded format that is unreadable without the proper decryption key. This means that even if an unauthorized individual gains access to the data, they would be unable to interpret or utilize it without this key. Given that Salesforce often handles personal and potentially sensitive information, utilizing encryption is vital for maintaining regulatory compliance, building trust with customers, and safeguarding a company's reputation. While enhancing user interface design, tracking user activities, and organizing data are all important aspects of using Salesforce, they do not directly relate to the critical need for security and protection of data that encryption provides.

8. What is the benefit of using selective SOQL queries in Salesforce?

A. They allow data to be manually adjusted

B. They improve the efficiency of data retrieval

C. They help to create dashboards instantly

D. They organize data into multiple objects

Using selective SOQL queries in Salesforce improves the efficiency of data retrieval by enabling the system to access only the necessary data that meets specific criteria. This efficiency is crucial, especially when working with large datasets, as selective queries minimize the amount of data processed and transferred between the server and the client. By filtering results down to a purposeful subset of data, selective SOQL queries help optimize performance, reduce resource consumption, and decrease the time it takes for the system to respond. This results in quicker query execution times and a better overall user experience, particularly as the volume of data increases. The other options do not align with the primary purpose of selective SOQL queries in the same way. For instance, while dashboards can utilize SOQL queries for data representation, they are not created instantly through these queries. Additionally, selective queries do not directly pertain to organizing data into multiple objects or allow for manual adjustments of data. Their main focus remains on refining the data retrieval process itself.

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9. What is the recommended solution to ensure that support agents can quickly find shipment records?

A. Implement an archiving process for shipment records created after five years.

B. Implement an archiving process for shipment records created after three years.

C. Set Customer_Reference__c as an indexed field.

D. Increase the number of shipment records in the database.

Setting the Customer_Reference__c field as an indexed field is the recommended solution to ensure that support agents can quickly find shipment records. Indexing a field allows for faster search and retrieval of data. When a field is indexed, Salesforce creates an index for that field, which optimizes database queries that involve that field, significantly reducing the time it takes for support agents to locate specific shipment records based on customer reference. This approach improves the overall performance of the system when querying records, making it easier for users to access the information they need without experiencing delays. By making the Customer_Reference__c field indexed, support agents can use this reference in their searches to quickly filter through shipment records, thus streamlining the process and enhancing productivity. Archiving processes, whether set at five or three years, do not address the immediate need for accessing records. While archiving can help manage data storage and organization over time, it does not facilitate quick access to currently active or needed shipment records. Increasing the number of shipment records in the database could further complicate the search process, rather than simplifying it, as it would lead to a larger dataset for agents to sift through without the benefit of optimized query performance.

10. What is the recommended solution for ensuring access to current and historical data from IoT technology implemented by Universal Containers?

A. Create new custom fields for temperature and humidity in the existing Container custom object.

B. Create a new Container Reading custom object that is updated when a measure is received for a specific container.

C. Utilize Salesforce's standard objects to record all temperature and humidity data.

D. Log data updates in an external database to maintain a history.

Creating a new Container Reading custom object that is updated when a measure is received for a specific container is the most effective solution for ensuring access to current and historical data from IoT technology. This approach allows for a structured way to capture and store each measurement as a record in a dedicated object, which is essential for analyzing trends over time and maintaining a clear historical record. By using a custom object, the organization can easily accommodate various data points, such as temperature and humidity, as separate records associated with their respective containers. This design not only ensures that each measurement is stored independently but also allows for easier reporting and querying of historical data. For instance, comparisons between different readings or analysis over specific intervals can be performed efficiently. The other options present limitations. Implementing custom fields within the existing Container custom object would lead to data overcrowding and could complicate the structure, making it less flexible for future data points. Utilizing standard objects may restrict the customization needed to capture and report IoT data effectively. Logging data updates in an external database would complicate data access and consistency since integrating external systems with Salesforce can pose challenges in real-time data synchronization and reporting. By opting for a dedicated Container Reading object, the system design remains clean, organized, and aligned with best

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Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

https://salesforce-dataarchitecture.examzify.com

We wish you the very best on your exam journey. You've got this!

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