



# DATA-ARCHITECT<sup>Q&As</sup>

Salesforce Certified Data Architect

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**QUESTION 1**

An architect has been asked to provide error messages when a future date is detected in a custom Birthdate \_c field on the Contact object. The client wants the ability to translate the error messages. What are two approaches the architect should use to achieve this solution? Choose 2 answers

- A. Implement a third -party validation process with translate functionality.
- B. Create a trigger on Contact and add an error to the record with a custom label.
- C. Create a workflow field update to set the standard ErrorMessage field.
- D. Create a validation rule and translate the error message with translation workbench.

Correct Answer: BD

Explanation: Creating a trigger on Contact and adding an error to the record with a custom label allows the architect to use the translation workbench to translate the error message based on the user's language. Creating a validation rule and translating the error message with translation workbench also achieves the same result. The other options would either not provide translation functionality or not display an error message

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**QUESTION 2**

Universal Containers (UC) plans to implement consent management for its customers to be compliant with General Data Protection Regulation (GDPR). UC has the following requirements:

UC uses Person Accounts and Contacts in Salesforce for its customers.

Data Protection and Privacy is enabled in Salesforce.

Consent should be maintained in both these objects.

UC plans to verify the consent provided by customers before contacting them through email or phone.

Which option should the data architect recommend to implement these requirements?

- A. Configure custom fields in Person Account and Contact to store consent provided by customers, and validate consent against the fields.
- B. Build Custom object to store consent information in Person Account and Contact, validate against this object before contacting customers.
- C. Use the Consent Management Feature to validate consent provide under the person Account and Contact that is provided by the customer.
- D. Delete contact information from customers who have declined consent to be contacted.

Correct Answer: C

Explanation: Using the Consent Management Feature to validate consent provided under the person Account and Contact that is provided by the customer (option C) is the best option to implement these requirements, as it allows UC to store and manage consent preferences for Person Accounts and Contacts using native Salesforce features and tools. Configuring custom fields in Person Account and Contact to store consent provided by customers and validate consent



against the fields (option A) or building Custom object to store consent information in Person Account and Contact and validate against this object before contacting customers (option B) are not good options, as they may require more customization and maintenance effort, and they do not leverage the existing Data Protection and Privacy feature. Deleting contact information from customers who have declined consent to be contacted (option D) is also not a good option, as it may cause data loss or compliance issues, and it does not allow UC to track or update consent preferences.

### QUESTION 3

Universal Containers (UC) has a requirement to create an Account plan object that is related to the Account object. Each Account plan needs to have an Account object, but the accessibility requirement of the Account plan is different from the Account object. What should an Architect recommend?

- A. Create a custom account plan object as detail with Account as master in a master-detail relationship.
- B. Create a custom account plan object as detail with Account as master with additional sharing rules to allow access.
- C. Create an account plan object with a lookup relations to Account without any validation rules to enforce the Account association.
- D. Create an account plan object with a lookup relationship to Account with validation rules to enforce the Account association.

Correct Answer: D

Explanation: Creating an account plan object with a lookup relationship to Account with validation rules to enforce the Account association can help UC meet their requirement. A lookup relationship allows different accessibility requirements for the account plan object and the account object, as well as different ownership and sharing settings. A validation rule can ensure that each account plan has an account associated with it.

### QUESTION 4

A customer wants to maintain geographic location information including latitude and longitude in a custom object. What would a data architect recommend to satisfy this requirement?

- A. Create formula fields with geolocation function for this requirement.
- B. Create custom fields to maintain latitude and longitude information
- C. Create a geolocation custom field to maintain this requirement
- D. Recommend app exchange packages to support this requirement.

Correct Answer: C

Explanation: The correct answer is C, create a geolocation custom field to maintain this requirement. A geolocation custom field is a compound field that can store both latitude and longitude information in a single field. It also supports geolocation functions and distance calculations. Creating formula fields or custom fields for latitude and longitude separately would be inefficient and redundant. Recommending app exchange packages would not be a direct solution to the requirement.

**QUESTION 5**

UC is implementing sales cloud for patient management and would like to encrypt sensitive patient records being stored in files.

Which solution should a data architect recommend to solve this requirement?

- A. Implement shield platform encryption to encrypt files.
- B. Use classic encryption to encrypt files.
- C. Implement 3rd party App Exchange app to encrypt files.
- D. Store files outside of salesforce and access them to real time.

Correct Answer: A

Explanation: Shield platform encryption is the recommended solution for encrypting sensitive patient records stored in files, as it provides encryption at rest for files and attachments, as well as standard and custom fields. Classic encryption only supports text fields with a maximum length of 175 characters, and does not encrypt files. Third-party App Exchange apps may not provide the same level of security and compliance as shield platform encryption. Storing files outside of salesforce may introduce additional complexity and latency

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