



Free Questions for Data-Architect by actualtestdumps

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Question 1

Question Type: MultipleChoice

Which API should a data architect use if exporting 1million records from Salesforce?

Options:

- A- Bulk API
- B- REST API
- C- Streaming API
- D- SOAP API

Answer:

A

Explanation:

Using Bulk API to export 1 million records from Salesforce is the best option. Bulk API is a RESTful API that allows you to perform asynchronous operations on large sets of data. You can use Bulk API to create, update, delete, or query millions of records in batches. Bulk API is optimized for performance and scalability, and it can handle complex data loading scenarios.

Question 2

Question Type: MultipleChoice

Universal Containers has provided a web order form for its customer and has noticed invalid data coming in on orders.

What should be used to mitigate this problem?

Options:

- A- Work Flow Rules
- B- Formatted Fields
- C- Apex Trigger
- D- Validation Rules

Answer:

D

Explanation:

Using validation rules to mitigate this problem is the best option. Validation rules can help you prevent invalid data from being entered in your web order form. You can use validation rules to check for data quality, format, range, or consistency. For example, you can use validation rules to ensure that the order quantity is positive, the product code is valid, or the shipping address is complete.

Question 3

Question Type: MultipleChoice

Universal Containers has implemented Salesforce for its operations. In order for customers to be created in their MDM solution, the customer record needs to have the following attributes:

1. First Name
2. Last Name
3. Email

Which option should the data architect recommend to mandate this when customers are created in Salesforce?

Options:

- A- Configure Page Layout marking attributes as required fields.
- B- Create validation rules to check If the required attributes are entered.
- C- Mark Fields for the attributes as required under Setup.
- D- Build validation in Integration with MDM to check required attributes.

Answer:

B

Explanation:

Creating validation rules to check if the required attributes are entered is the best option to mandate this when customers are created in Salesforce. Validation rules allow you to specify criteria that must be met before a record can be saved. You can use validation rules to ensure that customers have a first name, last name, and email when they are created in Salesforce. This way, you can prevent incomplete or invalid data from being sent to your MDM solution.

Question 4

Question Type: MultipleChoice

A national nonprofit organization is using Salesforce to recruit members. The recruitment process requires a member to be matched with a volunteer opportunity. Given the following:

1. A record is created in Project__c and used to track the project through completion.
2. The member may then start volunteering and is required to track their volunteer hours, which is stored in VTOTime__c object related to the project.
3. Ability to view or edit the VTOTime__c object needs to be the same as the Project__c record.
4. Managers must see total hours volunteered while viewing the Project__c record.

Which data relationship should the data architect use to support this requirement when creating the custom VTOTime__c object?

Options:

A- Lookup Field on Project__c to VTOTime__c displaying a list of VTOTime__c in a related list.

B- Lookup field on VTOTime__c to Project__c with formula field on Project__c showing Sum of hours from VTOTime__c records.

C- Master Detail Field on VTOTime__c to Project__c with rollup summary field on Project__c showing sum of hours from VTOTime__c records.

D- Master Detail field on Project__c to VTOTime__c showing a list of VTOTime__c Records in a related list.

Answer:

C

Explanation:

A master-detail field on VTOTime__c to Project__c is the data relationship that the data architect should use to support the requirement when creating the custom VTOTime__c object. A master-detail relationship creates a parent-child relationship between two objects, where the master record controls certain behaviors of the detail record, such as security, ownership, deletion, and roll-up summary fields. By using a master-detail field on VTOTime__c to Project__c, you can ensure that the ability to view or edit the VTOTime__c object is the same as the Project__c record, and that managers can see the total hours volunteered while viewing the Project__c record using a roll-up summary field.

Question 5

Question Type: MultipleChoice

Northern Trail Outfitters is streaming IoT data from connected devices to a cloud database. Every 24 hours, 100,000 records are generated.

NIO employees will need to see these IoT records within Salesforce and generate weekly reports on it. Developers may also need to write programmatic logic to aggregate the records and incorporate them into workflows.

Which data pattern will allow a data architect to satisfy these requirements, while also keeping limits in mind?

Options:

- A- Bidirectional integration
- B- Unidirectional integration
- C- Virtualization
- D- Persistence

Answer:

D

Explanation:

Persistence is the data pattern that will allow a data architect to satisfy the requirements, while also keeping limits in mind. Persistence means storing data from external sources in Salesforce objects, either standard or custom. This allows you to access the data within Salesforce and use it for reporting, analytics, workflows, and other features. Persistence also helps you avoid hitting API limits or performance issues when accessing large volumes of data from external systems. You can use various tools such as Data Loader, Bulk API, or Platform Events to persist IoT data from connected devices to a cloud database in Salesforce.

Question 6

Question Type: MultipleChoice

A consumer products company has decided to use Salesforce for its contact center. The contact center agents need access to the following information in Service Console when a customer contacts them:

1. Customer browsing activity on its website stored on its on premise system
2. Customer interactions with sales associates at its retail stores maintained in Salesforce
3. Contact center interactions maintained in Salesforce
4. Email campaign activity to customer from its marketing systems.

What should a data architect do to fulfill these requirements with minimum development effort in Salesforce?

Options:

- A-** Create web tabs in Service Console to show website and marketing activities.
- B-** Build custom components in Service Console to bring information from the marketing and website information.

C- Use Salesforce Connect to integrate the website and the marketing system into Service Console using external objects.

D- Build customer view in Service Console with components that show website data and marketing data as mashup.

Answer:

D

Explanation:

Building a customer view in Service Console with components that show website data and marketing data as mashup is the best option to fulfill the requirement with minimum development effort in Salesforce. A mashup is a technique that combines data from different sources into a single user interface. You can use Visualforce pages or Lightning components to create mashups that display data from external systems such as your website and marketing system. This way, you can provide your contact center agents with a comprehensive view of the customer information they need.

Question 7

Question Type: MultipleChoice

Northern Trail Outfitters is planning to build a consent form to record customer authorization for marketing purposes.

What should a data architect recommend to fulfill this requirement?

Options:

- A- Use custom fields to capture the authorization details.
- B- Create a custom object to maintain the authorization.
- C- Utilize the Authorization Form Consent object to capture the consent.
- D- Use AppExchange solution to address the requirement.

Answer:

C

Explanation:

The Authorization Form Consent object is a standard object that allows you to capture customer consent for marketing purposes. It has fields such as Consent Captured Date, Consent Captured Source, Consent Description, and Consent Status. You can use this object to create consent forms and track customer responses. This is the best option to fulfill the requirement, as it does not require any custom development or external solution.

Question 8

Question Type: MultipleChoice

Northern Trail Outfitters (NTO) plans to maintain contact preferences for customers and employees. NTO has implemented the following:

1. Customers are Person Accounts for their retail business.
2. Customers are represented as Contacts for their commercial business.
3. Employees are maintained as Users.
4. Prospects are maintained as Leads.

NTO needs to implement a standard communication preference management model for Person Accounts, Contacts, Users, and Leads.

Which option should the data architect recommend NTO to satisfy this requirement?

Options:

- A-** Create custom fields for contact preferences in Lead, Person Account, and Users objects.
- B-** Create case for contact preferences, and use this to validate the preferences for Lead, Person Accounts, and Users.
- C-** Create a custom object to maintain preferences and build relationships to Lead, Person Account, and Users.

D- Use Individual objects to maintain the preferences with relationships to Lead, Person Account, and Users.

Answer:

D

Explanation:

The Individual object is a standard object that lets you store details about data privacy and protection preferences for person accounts, contacts, users, and leads. The Individual object can be used to implement a standard communication preference management model for NTO, with relationships to the other objects.

Question 9

Question Type: MultipleChoice

Northern Trail Outfitters (NTO) has multiple Salesforce orgs based on regions. Users need read-only access to customers across all Salesforce orgs.

Which feature in Salesforce can be used to provide access to customer records across all NTO orgs?

Options:

- A- Salesforce Connect
- B- Salesforce 2 Salesforce
- C- Federated Search
- D- External APIs

Answer:

A

Explanation:

Salesforce Connect is a feature that allows users to access data from external sources and multiple Salesforce orgs, using either clicks or code. Salesforce Connect can provide read-only access to customer records across all NTO orgs, without replicating or storing the data in Salesforce.

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