# Data Architecture and Management Dumps

1. Which two key artifacts should be used to document the data architecture for a multi-system, enterprise Salesforce implementation? Choose 2 answers
2. User Stories

B Non- functional requirements

**C Data Model**

**D Integration specification**

1. Universal Containers wants to assess the completeness and consistency of contact information in Salesforce. They are finding that their Sales reps in many cases do not have enough information about their accounts and contacts. Also, in many cases they are not able to interpret the information in consistent manner. They have identified certain “key” fields which are important to their Sales reps.

Which two steps can UC implement to assess their data for Completeness and Consistency?

Choose 2 Answers.

1. Run a process that can fill in default values for blank fields
2. **Run a report which shows the last time the key values were updated**
3. Run one report per key field, grouped by that field, to understand its data variability
4. **Run a report that shows the percentage of blanks for the important fields**
5. UC has a large number of Opportunity fields(100) that they want to track field history on.

Which two actions can an Architect perform in order to meet this requirement?

Choose 2 answers.

1. **Create a custom object to store a copy of the records when changed.**
2. **Create a custom object to store the previous and new field values.**
3. Use Analytic Snapshots to store a copy of the record when changed.
4. Select the 100 fields in the Opportunity Set History Tracking Page.
5. UC has implemented Sales Cloud and it has been noticed that Sales rep are not entering enough data to run insightful reports and dashboards. UC executives would like to monitor and measure data quality metrics.

What solution address the requirement?

1. Generate reports to view quality of sample data
2. Export the data to an Enterprise data warehouse and use BI tools for data quality
3. **Use third party AppExchange tools to monitor and measure data quality**
4. Use custom objects and fields to calculate data quality
5. A Data Architect has been tasked with optimizing a data stewardship engagement for a Salesforce instance.

Which three areas of Salesforce should the Architect review before proposing any design recommendation?

Choose 3 answers

1. Determine if any integration points create records in Salesforce
2. **Review the sharing model to determine impact on duplicate records**
3. **Export the setup audit trail to review what field are being used.**
4. Run key reports to determine what fields should be required
5. **Review the metadata XML files for redundant fields to consolidate**
6. UC management has identified a total of ten text fields on the Contact object as important to capture any changes made to these fields, such as who made the change, when they made the change, what is the old value, and what is the new value. UC needs to be able to report on these data changes within Salesforce for the past 3 months.

Which two approaches will meet this requirement?

Choose 2 answers

1. Create a contact report including these ten fields and Salesforce Id, then schedule the report to run once a day and send email to the admin.
2. Create a workflow to evaluate the rule when a record is created and use field update actions to store previous values for these 10 fields in ten new fields.
3. **Turn on field Contact object history tracking for these ten fields, then create reports on contact history.**
4. **Write an Apex trigger on Contact after insert event and after update events and store the old values in another custom object**
5. UC has over 10 million records. They have a nightly integration that queries these records. The queries are timing out.

Which two areas should the Data Architect investigate when troubleshooting the queries?

Choose 2 answers

1. **Ensure the query doesn’t contain NULL in any filter criteria**
2. Change the integration user profile to have view all data
3. **Create a custom index on the fields used in the filter criteria**
4. Create a formula field instead of having multiple filter criteria
5. UC wants to implement a data quality process to monitor the data that users are manually entering into the system through the Salesforce UI.

What approach should the Architect recommend?

1. Utilize a third-party solution from the AppExchange for data uploads
2. Allow users to import their data using Salesforce import tools
3. **Utilize an app from the AppExchange to create data-quality dashboards**
4. Use Apex to validate the format of phone numbers and postal codes
5. GC just acquired UC. Both companies use Salesforce. As part of the acquisition, all of the data for the UC salesforce instance(source) must be migrated into the GC Salesforce instance (target). UC has over 5 million Case records.

What should the Architect consider when trying to optimize the data load time?

1. Use the Salesforce Org Migration tool from the setup data management menu
2. Break the load into multiple sets of data to be loaded using Bulk API parallel process
3. Load Case data directly leveraging Salesforce-to-Salesforce functionality
4. **Pre-process the data, then use data loader with SOAP API to upsert with zip compression enabled**
5. UC provides shipping services to its customers. They use Opportunities to track customer shipments. At any given time, shipping status can be one of the 10 values. UC has 200,000 Opportunity records.

When creating a new field to track shipping status on opportunity, what should the Architect do to improve data quality and avoid data skew?

1. **Create a picklist field, values sorted alphabetically.**
2. Create a master-detail to custom object Shippingstatus\_\_c
3. Create a lookup to custom object Shippingstatus\_\_c
4. Create a text field and make it an external id
5. UC has a complex system landscape and is implementing a data governance program for the first time.

Which two first steps would be appropriate for UC to initiate an assessment of data architecture?

Choose 2 answers

1. **Engage with business units and IT to assess current operational systems and data models**
2. Engage with IT program managers to assess current velocity of projects in the pipeline
3. Engage with database administrator to assess current database performance metrics
4. **Engage with executive sponsorship to assess enterprise data strategy and goals**
5. The invoicing system at UC requires that attachments associated with Invoice\_\_c custom object be classified by Types (i.e., “Receipt”,” Invoice PDF”, etc.) so that reporting can be done on invoices showing the number of attachments grouped by type.

What approach should be taken to categorize the attachments to meet these requirements?

1. **Create a custom object related to the Invoice object with a picklist field for the type**
2. Add additional options to Standard content type picklist field for the attachment object
3. Create a custom picklist field for the type on the standard attachment object with the values
4. Add a content type picklist field to the attachment layout and create additional picklist options
5. UC uses salesforce for tracking opportunities. UC uses an internal ERP system for tracking deliveries and invoicing. The ERP system supports SOAP API and OData for bi-directional integration between Salesforce and the ERP system. UC has about one million opportunities. For each opportunity, UC sends 12 invoices, one per month. UC sales rep have requirements to view current invoice status and invoice amount from the opportunity page.

When creating an object to model invoices, what should the Architect recommend, considering performance and data storage space?

1. Create a custom object Invoice\_\_c with a master-detail relationship with Opportunity
2. Use streaming API to get the current status form the ERP and display on the Opportunity page
3. Create a custom object Invoice\_\_c with a lookup relationship with Opportunity
4. **Create an external object Invoice\_\_x with a Lookup relationship with Opportunity.**
5. A salesforce customer has millions of orders every year. Each order contains, on average, ten line items. The customer wants its Sales reps to know how much money each customer generates year-over-year, but they are running out of data storage in Salesforce.

What data archiving plan should the Architect recommend?

1. **Annually aggregate order amount data to store in a custom object, then delete those orders and order line items**
2. Annually export and delete order line items and store them in a zip file in case that data is needed later
3. Annually delete orders and order line items and ensure the customer has order information in another system
4. Annually export and delete orders and order line items and store them in a zip file in case the data is needed later
5. UC has deployed Salesforce to manage Marketing, Sales, and Support efforts in a multi-system ERP environment. After reaching the limits of native reports & dashboards, UC leadership is looking to understand what options can be used to provide more analytical insights.

Which two approaches should an Architect recommend?

Choose 2 answers

1. **AppExchange apps**
2. Weekly Snapshots
3. **Einstein Analytics**
4. Setup Audit trails
5. Which two methods should be used when importing leads into Salesforce to ensure there are no duplicate records?

Choose 2 answers

1. Run the Salesforce Lead mass de-duplication tool
2. **Implement Salesforce matching and duplicate rules**
3. **Purchase an AppExchange lead de-duplication application**
4. Create a workflow rule to check for duplicate records
5. UC is a business that works directly with individual consumers (B2C). They are moving from a current home-grown CRM system to Salesforce. UC has about one million consumer records.

What should the Architect recommend for optimal use of Salesforce functionality and also to avoid data loading issues?

1. Load all individual consumers as Account records and avoid using the contact object
2. **Load one Account record and one Contact record for each individual consumer**
3. Create a custom object IndividualConsumer\_\_c to load all individual consumers
4. Create one Account and load individual consumers as Contacts linked to that one Account
5. UC has more than 10 million records in the Order\_\_c custom object. The query has timed out when running a bulk query.

What should be considered to resolve query timeout?

1. Streaming API
2. Tooling API
3. Metadata API
4. **PK Chunking**
5. 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.

Which two approaches should the Architect use to achieve this solution?

Choose 2 answers

1. Create a workflow field update to set the standard ErrorMessage field
2. **Create a validation rule and translate the error message with translation workbench**
3. Implement a third-party validation process with translate functionality
4. **Create a trigger on Contact and add an error to the record with a custom label**
5. UC is migrating their legacy system’s users and data to Salesforce. They will be creating 10,000 users, 2million account records, and 10 million Invoice records. The visibility of these records is controlled by a few dozen owner and criteria-based sharing rules.

Which two approaches will minimize data loading time during this migration to a new organization?

Choose 2 answers

1. **Create the users, upload all data, and then deploy the sharing rules.**
2. Contact Salesforce to activate indexing before uploading the data
3. **Defer sharing calculations until the data has finished uploading**
4. First, load all account records, and then load all user records
5. All accounts and opportunities are created in Salesforce, Salesforce is integrated with three systems:

* An ERP system feeds order data into Salesforce and updates both Account and Opportunity records.
* An accounting system feeds invoice data into salesforce and updates both Account and Opportunity records
* A commission system feeds commission data into salesforce and updates both Account and Opportunity records

How should the Architect determine which of these systems is the system of record?

1. Whatever integration data flow runs last will, by default, determine which system is the system of records
2. **Data flows should be reviewed with the business users to determine the system of record per object or field**
3. Account and Opportunity data originates in Salesforce, and therefore Salesforce is the system of record.
4. Whatever system updates the attribute or object should be the system of record for that field or object
5. Which two automated approaches should an architect recommend to purge old data out of Salesforce and aggregate that data in Salesforce?

Choose 2 answers

1. **Third-party Integration tools**
2. Third-party Business Intelligence system
3. Apex triggers
4. **Schedulable Batch Apex**
5. Which two statements are accurate with respect to performance testing a Force.com application?

Choose 2 answers

1. All force.com applications must be performance tested in a sandbox as well as production
2. **Applications with highly customized code or large volumes should be performance tested**
3. **A performance test plan must be created and submitted to Salesforce customer support**
4. Application performance benchmarked in a sandbox can also be expected in production
5. UC has two systems, Salesforce and an on-premise ERP system. An architect has been tasked with copying Opportunity records to the ERP once they reach a Closed/Won stage. The Opportunity record in the ERP system will be read only for all fields in from Salesforce.

What is the recommended real-time approach that achieves the solution?

1. Implement a Master Data Management system to determine system of record.
2. **Implement a workflow that sends Opportunity data through Outbound messaging**
3. Implement an hourly integration to send Salesforce Opportunities to the ERP system
4. Have the ERP poll Salesforce nightly and bring in the desired Opportunities
5. A customer monitors over 10,000 servers and these servers automatically record their status every 15 minutes. The customer is required to maintain all of these status reports for a period of 10 years. Service Reps need access to up to one week’s worth of these Status reports with all of their details.

Which two limits should an Architect consider when recommending what data should be integrated into Salesforce and for how long it should be stored in Salesforce

1. **API Request limits**
2. **Data storage limits**
3. Webservice callout limits
4. Workflow rule limits
5. In a Salesforce org used to manage Contacts, which two options should be considered to maintain data quality?

Choose 2 answers

1. **Use Salesforce duplicate management**
2. Use Workflow to delete duplicate records
3. Use the private sharing model
4. **Use validation rules on new record create and edit**
5. Which three options can prevent your SOQL queries from being selective?

Choose 3 answers

1. Using trailing % wildcards
2. **Using leading % wildcards**
3. **Using a custom index on a deterministic formula field**
4. **Using NOT and != operators**
5. Performing large loads and deletions
6. An architect has been asked by a client to develop a solution that will integrate data and resolve duplicates and discrepancies between Salesforce and one or more external systems.

Which two factors should the Architect take into consideration when deciding whether to use a Master Data Management system to achieve this solution?

Choose 2 answers

1. **The number of systems that are integrating with each other**
2. **Whether the system of record changes for different tables**
3. Whether or NOT Salesforce replaced a legacy CRM
4. Whether the systems are cloud-based or on premise.
5. UC has a legacy system that captures conferences and venues. These Conferences can occur at any Venue. They create hundreds of thousands of Conferences per year. Historically, they have only used 20 venues.

Which two things should the data architect consider when renormalizing this data model into a single conference object with a venue picklist?

1. **Org data storage limitations**
2. Limitations on master-detail relationships
3. Standard list view in-line editing
4. **Bulk API limitations on picklist fields**
5. UC wants their Shipment custom object to always relate to a Container, a Sender, and a Receiver (all separate custom objects). If a shipment is currently associated with a Container, Sender, or Receiver, deletion of those records should not be allowed. They also want separate sharing models on each custom object.

What approach an Architect take to fulfill these requirements?

1. Create a Master-Detail relationship to each of the three parent records
2. **Create a required Lookup relationship to each of the three parent records.**
3. Create two master-detail and one lookup relationship to the parent records
4. Use a VLOOKUP formula field to associate the Shipment to each parent record
5. UC is planning to move away from legacy CRM to Salesforce. As part of one-time data migration, UC will need to keep the original date when a contact was created in the legacy system.

How should an Architect design the data migration solution to meet this requirement?

1. After the data is migrated, perform an update on all records to set the original date in a standard created date field
2. Write an Apex trigger on the Contact object, before insert event to set the original value in a standard created date field
3. Create a new field on Contact object to capture the created date. Hide the standard created date field using Field-level security
4. **Enable “Set Audit Fields” and assign the permission to the user loading the data for the duration of the migration**
5. Managers at UC have noticed that shipment records(a custom object) are being sent to the shipping department with bad address data. Specifically, address have missing data like City and poorly formatted postal codes.

Which two approaches will solve this issue?

Choose 2 answers

1. **Use a Validation rule using CONTAINS to ensure address fields contain data**
2. **Use a Validation Rule using REGEX to ensure proper postal code formatting**
3. Write an Apex Trigger to require all the fields on the page layouts
4. Edit each of the page layouts to require that each address field contains data
5. UC has defined a new Data quality plan for their Salesforce data and wants to know how they can enforce it throughout the org.

Which two approaches should an Architect recommend to enforce this new plan?

Choose 2 answers

1. **Schedule a weekly dashboard displaying records that are missing information to be sent to managers for review**
2. **Use Workflow, Validation rules, and Apex code to enforce critical business processes**
3. Store all data in an external system and set up an integration to Salesforce for view-only access
4. Schedule reports that will automatically catch duplicates and merge or delete the records every week
5. In a disparate, multi-system ERP environment, where Salesforce is being deployed, which two techniques should be used to maintain data synchronization between systems?

Choose 2 answers

1. Build synchronization reports and dashboards
2. **Integrate Salesforce with the ERP environment**
3. **Establish an MDM strategy to outline a single source of truth**
4. Use a workbench to update files within systems
5. UC is setting up an external Business Intelligence system and wants to extract 1,000,000 Contact records.

What should be recommended to avoid timeouts during the export process?

1. **Utilize the BULK API to export the data**
2. Schedule a Batch Apex job to export the data
3. Use the SOAP API to export data
4. Use GZIP compression to export the data
5. UC is implementing a formal, cross-business-unit data governance program. As part of the program, UC will implement a team to make decisions on enterprise-wide data governance

Which two roles are appropriate as members of this team?

Choose 2 answers

1. **Analytics/BI Owners**
2. Operational Data Users
3. **Data domain Stewards**
4. Salesforce administrators
5. UC has three systems: Salesforce, a cloud-based ERP system, and an on-premise Order Management System(OMS). An architect has been tasked with creating a solution that uses Salesforce as the system of record for leads and the OMS as the system of record for Account and Contacts. UC wants Account and Contacts to be able to maintain their names in each system (i.e.,“ John Doe ” in the OMS and “Johny Doe” in Salesforce), but wants to have a consolidated data store which links referenced records across the systems/

Which approach should an Architect suggest so the requirements are met?

1. Have Salesforce poll the OMS nightly and bring in the desired Accounts and Contacts
2. Use the Streaming API to send Account and Contact data from Salesforce to the OMS
3. **Implement a Master Data Management strategy to reconcile leads, accounts, and contacts**
4. Implement an Integration tool to send OMS Accounts and Contacts to Salesforce
5. A salesforce customer has plenty of data storage. Sales Reps are complaining that searches are bringing back old records that aren’t relevant any longer. Sales Managers need the data for their historical reporting.

What strategy should a data architect use to ensure a better user experience for the Sales reps?

1. **Archive and purge old data from Salesforce on a monthly basis**
2. Set data access to private to hide old data from Sales reps
3. Use Batch Apex to archive old data on a rolling nightly basis
4. Create a permission set to hide old data from Sales reps
5. The Architect is planning a large data migration for UC from their legacy CRM system to Salesforce.

Which three actions should the Architect consider to optimize performance of the data migration?

Choose 3 answers

1. **Deactivate approval processes and workflow rules**
2. **Remove custom indexes on the data being loaded**
3. Determine if the legacy system is still in use
4. Review the time zones of the User loading the data
5. **Defer sharing calculations of the Salesforce Org**
6. Universal containers wants to automatically archive all inactive account data that is older than 3 years. The information does not need to remain accessible within the application.

Which two methods should be recommended to meet this requirement?

Choose 2 answers

1. **Schedule jobs to export and delete using the Data loader**
2. Schedule a weekly export file from the Salesforce UI
3. Use the force.com workbench to export the data
4. **Schedule jobs to export and delete using an ETL tool**
5. How can an Architect find information about who is creating, changing, or deleting certain fields within the past two months?
6. **Export the setup audit trail and find the fields in question**
7. Export the metadata and search it for the fields in question
8. Create a field history report for the fields in question
9. Remove “customize application” permissions from everyone else
10. Which two valid metadata types should be included to document the data architecture of a salesforce org?

Choose 2 answers

1. **CustomField**
2. **RecordType**
3. SecuritySettings
4. Document
5. To avoid creating duplicate contacts, a customer frequently uses Data loader to upsert Contact records into Salesforce.

What common error should the Data Architect be aware of when using upsert?

1. Errors with records being updated and inserted in the same CSV file
2. **Errors with duplicate external Id values within the same CSV files**
3. Errors when a duplicate Contact name is found cause upsert to fail
4. Errors with using the wrong external Id will cause the load to fail
5. A customer is integrating two different systems with customer records into the Salesforce account object. Master Data Management will be used to ensure that no duplicate records are created in Salesforce.

How can the architect determine which system is the system of record on a field level?

1. Any field that is an inout field in either external system will be overwritten by the last record integrated and can never have a system of record
2. **Master Data Management systems determine system of record and the Architect doesn’t have to think about what data is controlled by the system**
3. Any fields with the same purpose between the two systems should be reviewed by the key stakeholders to see how they will be used in Salesforce
4. Review the database schema for each external system and any fields with different names should always be separate fields in Salesforce.
5. What is an advantage of using Custom metadata type over custom setting?
6. Custom metadata records are NOT copied from production to sandbox
7. Custom metadata types are available for reporting
8. **Custom metadata records are deployable using packages**
9. Custom metadata records are editable in Apex­­
10. UC has millions of rows of data in Salesforce that are being used I reports to evaluate historical trends. Performance has become an issue, as well as data storage limits.

Which two strategies should be recommended when talking with stakeholders?

Choose 2 answers

1. Use Data Loader to extract data, aggregate it, and write it back to a custom object, then delete the original records
2. Combine Analytics Snapshots with a purging plan by reporting on the snapshot data and deleting the original records
3. **Use scheduled batch apex to copy aggregate information into a custom object and delete the original records**
4. **Configure the Salesforce Archiving feature to archive older records and remove them from the data storage limits**
5. UC has an open sharing model for its Salesforce users to allow all its Salesforce internal users to edit all contacts, regardless of who owns the contact. However, UC management wants to allow only the owner of a contact record to delete that contact. If a user does not own the contact, then the user should not be allowed to delete the record.

How should the Architect approach the project so that the requirements are met?

1. Create a validation rule on the Contact object to check if the current user is NOT the owner
2. Set the profile of the users to remove delete permission from the Contact object
3. **Create a “before delete” trigger to check if the current user is NOT the owner**
4. Set the Sharing setting as Public Read Only for the Contact object
5. In their legacy system, UC has a monthly accounts receivable report that compiles data from Accounts, Contacts, Opportunities, Orders, and Order Line Items.

What difficulty will an architect run into when implementing this in Salesforce?

1. A report CANNOT contain data from Accounts and Contacts
2. Salesforce does NOT support Orders or Order Line Items
3. **Salesforce allows up to four objects in a single report type**
4. Custom report types CANNOT contain Opportunity data
5. UC has deployed Salesforce for Case management. The company is having difficulty understanding what percentage of cases are resolved from the initial call to their support organization.

What first step is recommended to implement a reporting solution to measure the support reps case closure rates?

1. Create a report on Case analytic snapshots
2. Create Contact and Opportunity Reports and Dashboards
3. **Enable field history tracking on the case object**
4. Install AppExchange packages for available reports
5. UC has a salesforce instance with over 10,000 Account records. They have noticed similar, but not identical, Account names and addresses.

What should UC do to ensure proper data quality?

1. Use a service to standardize Account addresses, then use a 3rd-party tool to merge Accounts based on rules
2. Make the Account Owner clean their Account addresses, then merge Accounts with the same address
3. **Enable account de-duplication by creating matching rules in Salesforce, which will mass merge duplicate Accounts**
4. Run a report, find Accounts whose name starts with the same five characters, then merge those Accounts.
5. UC has a large volume of Contact data going into Salesforce.com. There are 100,000 existing contact records. 200,000 new contacts will be loaded. The contact object has an external ID field that is unique and must be populated for all existing records.

What should the Architect recommend to reduce data load processing time?

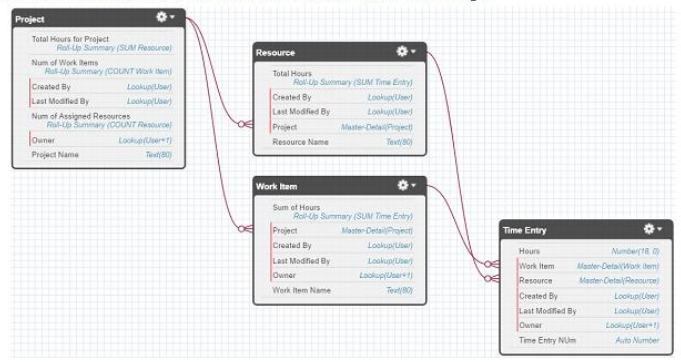
1. **Load new records via the Insert operation and existing records via the Update operation**
2. Load Contact records together using the Streaming API via the Upsert operation
3. Delete all existing records, and then load all records together via the Insert operation
4. Load all records via the Upsert operation to determine new records vs existing records
5. UC is planning to launch its Customer Community. The community will allow users to register shipment requests which are then processed by UC employees. Shipment requests contain header information, and then a list of no more than 5 items being shipped. UC will initially roll out its community to 5,000 customers in Europe, and will ultimately roll out to 20,000 customers worldwide within the next two years. UC expects an average of 10 shipment requests per week per customer. UC wants customers to be able to view up to three years of shipment requests and use Salesforce reports.

What is the recommended solution for UC’s Data Architect to address the requirements?

1. Create an external custom object to track shipment requests with five lookup custom fields for each item being shipped. External objects are stored off-platform in Heroku’s postgres database
2. Create a custom object to track shipment requests with five lookup custom fields for each item being shipped. Implement an archiving process that moves data off-platform after three years
3. Create an external custom object to track shipment requests and a child external object to track shipment items. External objects are stored off-platform in Heroku’s Postgres database
4. **Create a custom object to track shipment requests and a child custom object to track shipment items. Implement an archiving process that moves data off-platform after three years**
5. The sales VP would like to better understand key relevant performance figures and help the Sales Managers take corrective actions where appropriate.

What reporting option should be considered?

1. Lead conversion rate report
2. Case SLA performance report
3. **Sales KPI Dashboard**
4. Opportunity analytic snapshot
5. UC has a data model as shown in the image:



The Project object has a private sharing model, and it has Roll-up summary fields to calculate the number of resources assigned to the project, total hours for the project, and the number of work items associated to the project.

What should the Architect consider, knowing there will be a large amount of time entry records to be loaded regularly from an external system into Salesforce?

1. Use workflow to calculate summary values instead of Roll-up
2. Load all data using external IDs to link to parent records
3. Use triggers to calculate summary values instead of Roll-up
4. **Load all data after deferring sharing calculations**
5. A customer has an integration that creates records in a Salesforce custom object. The Custom object has a field marked as required on the page layout. The customer has noticed that many of the records coming from the external system are missing data in this field.

Which two actions should the Architect take to ensure this field always contains data coming from the source system?

Choose 2 answers

1. Create a Workflow to default a value into this field
2. Blame the customer’s external system for bad data
3. **Set up a validation rule to prevent blank values**
4. **Mark the field required in setup at the field level**
5. UC wishes to send data from Salesforce to an external system to generate invoices from their Order Management System. They want a Salesforce administrator to be able to customize which fields will be sent to the external system without modifying code.

Which two approaches should an architect recommend to deliver the desired solution?

Choose 2 answers

1. A set<sObjectField> to determine which fields to send in an HTTP callout
2. **An outbound message to determine which fields to send to the OMS**
3. **A field set that determines which fields to send in an HTTP callout**
4. Enable the field-level security permissions for the fields to send
5. UC is looking to use Salesforce to manage their sales organization. They will be migrating legacy account data from two aging systems into salesforce.

Which two design considerations should an Architect take to minimize data duplication?

Choose 2 answers

1. **Clean data before importing to Salesforce**
2. Use a workflow to check and prevent duplicates
3. **Use Salesforce matching and duplicate rules**
4. Import the data concurrently
5. As part of a phased Salesforce rollout, there will be 3 deployments spread out over the year. The requirements have been carefully documented.

Which two methods should an Architect use to trace back configuration changes to the detailed requirements?

Choose 2 answers

1. **Maintain a data dictionary with the justification for each field**
2. Use the force.com IDE to save the metadata files in source control
3. **Put the business purpose in the Description of each field**
4. Review the setup audit trail for configuration changes
5. UC wants to maintain Lead data from Leads even after the records are deleted and cleared from the Recycle Bin.

What approach should be implemented to achieve this solution?

1. **Send data to a Data Warehouse and mark leads as deleted in that system**
2. Use a Converted lead report to display data on Leads that have been deleted
3. Query Salesforce with the queryAll API method or using the ALL ROWS SOQL keywords
4. Use a Lead standard report and filter on the isDeleted standard field
5. An architect is planning on having different batches to load one million Opportunities into Salesforce using the Bulk API in parallel mode.

What should be considered when loading the Opportunity records?

1. Order batches by Auto-number field
2. Sort batches by Name field values
3. Create indexes on Opportunity object text fields
4. **Group batches by the AccountId field**