

Certified Data Architect

1. UC has multiple SF orgs that are distributed across regional branches. Each branch stores local customer data inside its org's Account and Contact objects. This creates a scenario where UC is unable to view customers across all orgs.

UC has an initiative to create a 360-degree view of the customer, as UC would like to see Account and Contact data from all orgs in one place.

What should a data architect suggest to achieve this 360-degree view of the customer?

A. Consolidate the data from each org into a centralized datastore

B. Use Salesforce Connect's cross-org adapter.

C. Build a bidirectional integration between all orgs.

D. Use an ETL tool to migrate gap Accounts and Contacts into each org.

Answer(s): A

2. Universal Containers has a requirement to store more than 100 million records in salesforce and needs to create a custom big object to support this business requirement.

Which two tools should a data architect use to build custom object?

A. Use DX to create big object.

B. Use Metadata API to create big object.

C. Go to Big Object In setup select new to create big object.

D. Go to Object manager In setup and select new to create big object.

Answer(s): B C

3. UC is building a salesforce application to track contacts and their respective conferences that they have attended with the following requirements:

1. Contacts will be stored in the standard contact object.
2. Conferences will be stored in a custom conference__c object.
3. Each contact may attend multiple conferences and each conference may be related to multiple contacts.

How should a data architect model the relationship between the contact and conference objects?

A. Implement a Contact Conference junction object with master detail relationship to both contact and conference__c.

B. Create a master detail relationship field on the Contact object.

C. Create a master detail relationship field on the Conference object.

D. Create a lookup relationship field on contact object.

Answer(s): A

4. Which two statements are accurate with respect to performance testing a Force.com application?

A. All Force.com applications must be performance tested in a sandbox as well as production.

B. A performance test plan must be created and submitted to Salesforce customer support.

C. Applications with highly customized code or large volumes should be performance tested.

D. Application performance benchmarked in a sandbox can also be expected in production.

Answer(s): B C

5. (NTO) has multiple salesforce orgs based on geographical reports (AMER, EMEA, APAC). NTO products are in the AMER org and need to be created in the EMEA and APAC after the products are approved.

Which two features should a data architect recommend to share records between salesforce orgs? Choose 2.

A. Change data capture (CDC)

B. Salesforce connect.

C. Federation search

D. Salesforce 2 Salesforce

Answer(s): A D

6. Universal Containers wants to implement a data -quality process to monitor the data that users are manually entering into the system through the Salesforce UI.

Which approach should the architect recommend?

A. Allow users to import their data using the Salesforce Import tools.

B. Utilize a 3rd -party solution from the AppExchange for data uploads.

C. Utilize an app from the AppExchange to create data -quality dashboards.

D. Use Apex to validate the format of phone numbers and postal codes.

Answer(s): C

7. Cloud Kicks has the following requirements:

- Data needs to be sent from Salesforce to an external system to generate invoices from their Order Management System (OMS).

- A Salesforce administrator must be able to customize which fields will be sent to the external system without changing code.

What are two approaches for fulfilling these requirements? (Choose two.)

A. A set to determine which fields to send in an HTTP callout.

B. An Outbound Message to determine which fields to send to the OMS.

C. A Field Set that determines which fields to send in an HTTP callout.

D. Enable the field -level security permissions for the fields to send.

Answer(s): B C

8. Universal Containers (UC) is concerned about the accuracy of their Customer information in Salesforce. They have recently created an enterprise-wide trusted source MDM for Customer data which they have certified to be accurate. UC has over 20 million unique customer records in the trusted source and Salesforce.

What should an Architect recommend to ensure the data in Salesforce is identical to the MDM?

A. Extract the Salesforce data into Excel and manually compare this against the trusted source.

B. Load the Trusted Source data into Salesforce and run an ApexBatch job to find difference.

C. Use an AppExchange package for Data Quality to match Salesforce data against the Trusted source.

D. Leave the data in Salesforce alone and assume that it will auto-correct itself over time.

Answer(s): C

9. NTO processes orders from its website via an order management system (OMS). The OMS stores over 2 million historical records and is currently not integrated with SF. The Sales team at NTO using Sales cloud and would like visibility into related customer orders yet they do not want to persist millions of records directly in Salesforce. NTO has asked the data architect to evaluate SF connect and the concept of data verification.

Which 3 considerations are needed prior to a SF Connect implementation?

Choose 3 answers:

A. Create a 2nd system Admin user for authentication to the external source.

B. Develop an object relationship strategy.

C. Identify the external tables to sync into external objects

D. Assess whether the external data source is reachable via an ODATA endpoint.

E. Configure a middleware tool to poll external table data

Answer(s): B C D

10. Get Cloudy Consulting needs to evaluate the completeness and consistency of contact information in Salesforce. Their sales reps often have incomplete information about their accounts and contacts. Additionally, they are not able to interpret the information in a consistent manner. Get Cloudy Consulting has identified certain "key" fields which are important to their sales reps.

What are two actions Get Cloudy Consulting can take to review their data for completeness and consistency? (Choose two.)

- A. Run a report which shows the last time the key fields were updated.
- B. Run one report per key field, grouped by that field, to understand its data variability.
- C. Run a report that shows the percentage of blanks for the important fields.
- D. Run a process that can fill in default values for blank fields.

Answer(s): A C

11. Universal Containers (UC) is in the process of implementing an enterprise data warehouse (EDW). UC needs to extract 100 million records from Salesforce for migration to the EDW. What data extraction strategy should a data architect use for maximum performance?

- A. Install a third-party AppExchange tool.
- B. Call the REST API in successive queries.
- C. Utilize PK Chunking with the Bulk API.
- D. Use the Bulk API in parallel mode.

Answer(s): C

12. 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.

Answer(s): A

13. Universal Containers 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

A. Use a workflow to check and prevent duplicates.

B. Clean data before importing to Salesforce.

C. Use Salesforce matching and duplicate rules.

D. Import the data concurrently.

Answer(s): B C

14. Universal Containers (UC) is in the process of migrating legacy inventory data from an enterprise resources planning (ERP) system into Sales Cloud with the following requirements: Legacy inventory data will be stored in a custom childobjects called Inventory_c.

Inventory data should be related to the standard Account object.

The Inventory_c object should Inhent the same sharing rules as the Account object.

Anytime an Account record is deleted in Salesforce, the related Inventory_c record(s) should be deleted as well.

What type of relationship field should a data architect recommend in this scenario?

A. Master-detail relationship filed on Account, related to Inventory_c

B. Master-detail relationship filed on Inventory_c, related to Account

C. Indirect lookup relationship field on Account, related to Inventory_c

D. Lookup relationship fields on Inventory related to Account

Answer(s): A

15. Universal Containers (UC) owns a complex Salesforce org with many Apex classes, triggers, and automated processes that will modify records if available. UC has identified that, in its current development state, UC runs change of encountering race condition on the same record. What should a data architect recommend to guarantee that records are not being updated at the same time?

A. Embed the keywords FOR UPDATE after SOQL statements.

B. Disable classes or triggers that have the potential to obtain the same record.

C. Migrate programmatic logic to processes and flows.

D. Refactor or optimize classes and trigger for maximum CPU performance.

Answer(s): A

16. Universal Containers 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 copied in from Salesforce. What is the optimal real-time approach that achieves this solution?

A. Implement a Master Data Management system to determine system of record.

B. Implement a workflow rule that sends Opportunity data through Outbound Messaging.

C. Have the ERP poll Salesforce nightly and bring in the desired Opportunities.

D. Implement an hourly integration to send Salesforce Opportunities to the ERP system.

Answer(s): B

17. 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?

A. Errors with duplicate external Id values within the same CSV file.

B. Errors with records being updated and inserted in the same CSV file.

C. Errors when a duplicate Contact name is found cause upsert to fail.

D. Errors with using the wrong external Id will cause the load to fail.

Answer(s): A

18. UC recently migrated 1 Billion customer related records from a legacy data store to Heroku Postgres. A subset of the data need to be synchronized with salesforce so that service agents are able to support customers directly within the service console. The remaining non- synchronized set of data will need to be accessed by salesforce at any point in time, but UC management is concerned about storage limitations.

What should a data architect recommend to meet these requirements with minimal effort?

A. Virtualize the remaining set of data with salesforce connect and external objects.

B. Use Heroku connect to bi-directional, sync all data between systems.

C. As needed, make call outs into Heroku postgres and persist the data in salesforce.

D. Migrate the data to big objects and leverage async SOQL with custom objects.

Answer(s): A

19. UC needs to load a large volume of leads into salesforce on a weekly basis. During this process the validation rules are disabled.

What should a data architect recommend to ensure data quality is maintained in salesforce.

A. Activate validation rules once the leads are loaded into salesforce to maintain quality.

B. Allow validation rules to be activated during the load of leads into salesforce.

C. Develop custom APEX batch process to improve quality once the load is completed.

D. Ensure the lead data is preprocessed for quality before loading into salesforce.

Answer(s): C

20. A Customer is migrating 10 million order and 30 million order lines into Salesforce using Bulk API. The Engineer is experiencing time-out errors or long delays querying parents order IDs in Salesforce before importing related order line items.

What is the recommended solution?

A. Query only indexed ID field values on the imported order to import related order lines.

B. Leverage an External ID from source system orders to import related order lines.

C. Leverage Batch Apex to update order ID on related order lines after import.

D. Leverage a sequence of numbers on the imported orders to import related order lines.

Answer(s): B
