

Salesforce

Exam Questions Integration-Architecture-Designer

Salesforce Certified Integration Architecture Designer (SP19)



NEW QUESTION 1

Universal Containers has decided that they will be using the bulk API to migrate the existing data into Salesforce as they will be importing a total of 80 million records.

While planning for the data migration, what techniques should the Architect recommend to make sure the load go according to schedule?

Choose 2 answers

- A. Pre-process data that the triggers and workflows can be deactivated.
- B. Perform a test load using a full Sandbox prior to the Production load.
- C. Perform loads over a weekend server resource availability.
- D. Leverage several workstations, loading different objects simultaneousl

Answer: AB

NEW QUESTION 2

Universal containers are building an integration between Salesforce and their data warehouse. The architect has the following requirements

1. Salesforce users need the ability to CRUD (create,read,update and delete) data from their data warehouse without leaving the Salesforce user interface
2. The integration to the data warehouse should maintain the same look and feel as the existing Salesforce user interface

- A. Mastered
- B. Not Mastered

Answer: A

NEW QUESTION 3

Which two automated methods should an architect use to solve an issue with duplicate contacts? Choose 2 answers

- A. Write a Batch Apex class to manage the deduplication
- B. Assign new contacts to queues to be reviewed by a data quality team.
- C. Leverage an AppExchange data management toolto de-duplicate contacts.
- D. Enable duplicate management in the org to prevent duplicate

Answer: CD

NEW QUESTION 4

As part of their customer setup process. Universal containers requires that any address put into Salesforce be validated by the US Postal Service.

The customer must provide their address while they are on the phone with the Universal Containers representative.

What two solutions should a Technical Architect recommend to fulfill this requirement? Choose 2 answers

- A. Implement a VisualForce page that validates entered addresses against an API.
- B. Write a trigger with an @future callout that validates addresses against an API.
- C. Build a custom Address object and a trigger that will validate the address against the object.
- D. Leverage an Appexchange application to validate addresses entere

Answer: AD

NEW QUESTION 5

Universal Container needs to integrate Salesforcewith several home-grown systems. These systems require custom code to be written in order to integrate with them, and the CIO argues that if custom code needs to be written, then there is no reason to invest in middleware

Which three considerations should an Architect bring up to the CIO? Choose 3 answers

- A. Performance
- B. Error Handling
- C. Bulkification
- D. Orchestration
- E. Logging

Answer: BDE

NEW QUESTION 6

Universal Containers has built an integration using the SOAP API to load records from a back-office system into Salesforce. The records created in the back-office system must be loaded into Salesforce in almost real time, so a custommodule was written to identify CRUD events in the back-office system and perform sync with Salesforce. UC has several other systems that integrate with Salesforce through the SOAP API using separate integration users.

What is a risk involved with this sort of integration?

- A. Too many concurrent sessions
- B. Reaching an API call limit.
- C. Reaching a logins per Day limit.
- D. Too many record-lock errors

Answer: B

NEW QUESTION 7

Universal containers has complex data transformation, error handling and process automation requirements as part of their integration strategy.

What technology should an Architect recommend in order to minimize Salesforce code customizations?

- A. Data Loader
- B. Canvas
- C. Process Builder
- D. Middleware

Answer: D

NEW QUESTION 8

Universal Containers wishes to move data between 3 back office systems: ERP, financial and a legacy home-grown shipping system that will be replaced 3 months after integration is scheduled to be complete.

What integration pattern should an architect recommend to ensure minimal throwaway code?

- A. point-to-point
- B. Web Mashup
- C. MiddleWare
- D. Apex batch Processing

Answer: C

NEW QUESTION 9

Universal Containers has decided that acquisition of other companies will be a key focus of their growth for the next several years. All acquired customer service agents will use UC's pre-existing customer support process built in Salesforce. the ERP application at any acquired company will not be immediately replaced, and customer service agents must be able to see up-to-date order status from all ERP systems.

What recommendation should a technical Architect make to minimize complexity during new acquisitions?

- A. Use custom Linksto direct users to the appropriate ERP system to view order status.
- B. Build all Integrations as nightly ETL batches to minimize real-time overhead.
- C. Leverage Apex callouts to integrate directly with acquired applications.
- D. Use an ESB to abstract the Salesforce integration from other enterprise application

Answer: B

NEW QUESTION 10

Which tool would an architect likely leverage while diagnosing issues with an inbound RESTful integration to Salesforce?

- A. Workbench
- B. Data Loader
- C. Force.com SOAP Explorer
- D. Metadata audit trail

Answer: A

NEW QUESTION 10

Universal Containers has two integrations to Salesforce; System A requires read-only access to all Opportunity data while System B requires read-write access to all Accounts.

Which approach ensures compliance with the principal of least privilege?

- A. Utilize a single "Integration User" with the "Modify All data" profile setting enabled so that all integrations always have access to all data.
- B. Utilize separate credentials and profiles for each integration, one having "view All" to ties and the other having "Modify All" to Accounts.
- C. Use a single "Integration User" with profile settings restricted to "view All" for opportunity and "Modify All" for Accounts.
- D. Utilize separate credentials for each system with both credentials having the "modify all data" permission on the profile.

Answer: C

NEW QUESTION 12

What are two scenarios that utilize the chatter REST API? Choose 2 answers

- A. When integrating chatter into custom mobile apps.
- B. When migrating Opportunity data.
- C. When uploading large files.
- D. When posting status updates to social medi

Answer: AD

NEW QUESTION 16

Universal Containers has a requirement for users of a Validation page to be notified of data updates from Salesforce as well as message from other systems in real time.

Which three approaches should be considered when selecting the correct API? Choose 3 answers

- A. REST API to continuously poll Salesforce for updates to records.
- B. Generic Streaming API to support notifications coming from other systems.
- C. Streaming API to support push notifications to users on mobile devices using Salesforce1.
- D. Utilize ActionPoller to perform an Apex Callout to the external system to retrieve data.
- E. Streaming API to support real-time data updates by other users within Salesforc

Answer: CDE

NEW QUESTION 21

Universal Containers is building an integration between their instance of Salesforce and their business partner's fulfillment systems, the security officer would like to ensure that only the authorized data for each business partner is accessible across all interfaces. How should the architect ensure this requirement is met?

- A. provide each business partner a shared integration username/password with a specific role/profile provisioned to the appropriate data.
- B. Provide each business partner their own username/password with a specific role/profile provisioned to the appropriate data.
- C. Provide each business partner their own username/password with an Apex custom web service to filter the data appropriately.
- D. Provide each business partner their own username/password with a shared integration profile provisioned to the appropriate data.

Answer: B

NEW QUESTION 26

Universal Containers is building an integration from their employee portal to Salesforce Chatter. They would like their employee portal to read and write to the Chatter API on behalf of the employee using the portal. What is the correct way to authenticate to the Chatter API to meet this requirement?

- A. Use OAuth to authorize the portal to access the Chatter API on behalf of the user.
- B. Use OAuth Which will pass their portal credentials to the Chatter API.
- C. Use a Chatter API integration user which authenticates to Salesforce using OAuth.
- D. Use a Chatter API integration user which authenticates to Salesforce using Enterprise WSDL login().

Answer: C

NEW QUESTION 31

Universal Containers has multiple Salesforce orgs as a result of a number of acquisitions over time. They decide to let the subsidiaries continue using their own orgs but would like to streamline their lead processing. They identified one org that would act as a gateway to receive all the leads for the group and then distribute them to subsidiary orgs based on lead type. Changes to lead status in subsidiary orgs must be reflected in the gateway org. They decide to use Salesforce-to-Salesforce for lead distribution.

What limitation of Salesforce-to-Salesforce must be considered to ensure seamless two-way integration?

- A. Salesforce-to-Salesforce has no built-in support bi-directional(two-way) integrations.
- B. Salesforce-to-Salesforce has a limit on number of records shared between systems.
- C. Salesforce-to-Salesforce does not support linking/sharing with existing records in a receiving org.
- D. Salesforce-to-Salesforce has no built-in support for objects with Parent-child relationship

Answer: D

NEW QUESTION 35

What are two reasons an existing custom field cannot be marked as External ID? Choose 2 answers

- A. Maximum number of External IDs allowed on an object has been reached,
- B. Maximum number of fields of an object has been reached.
- C. Maximum number of skinny tables has been reached.
- D. Maximum number of indexes allowed on an object has been reached

Answer: AD

NEW QUESTION 38

Universal Containers sells its products online using a system built on Force.com sites. The orders are captured and processed in Salesforce. The company uses an external marketing system and would like to make use of the customer data captured in Salesforce. The marketing system has REST API that can be used to push data into it.

Which three options should a Technical Architect consider that do not require building custom web services on the marketing system? Choose 3 answers

- A. Write a custom Apex web service, Which will be called from the marketing system to retrieve customer data.
- B. Use Apex callout to send customer data from Salesforce to the marketing system
- C. Use a middleware tool to pull customer data from Salesforce and push it to the marketing system on a daily basis.
- D. Build a custom Java application using the Enterprise WSDL to pull data from Salesforce and push it to the marketing system.
- E. Use outbound messages to send customer data from Salesforce to the marketing system

Answer: ABE

NEW QUESTION 40

Universal Containers is replacing a home-grown CRM system. Currently, a .Net application runs a batch process to query the CRM system nightly and create a CSV file that is picked up via SFTP and loaded to a SQL database.

What technology should an architect use to minimize custom development when replacing the CRM system with Salesforce?

- A. Outbound messaging
- B. APEX Batch
- C. APEX Callout
- D. Middleware

Answer: D

NEW QUESTION 42

Universal Containers is planning to develop a native mobile app for their employees to interact with Salesforce. Which two options should the Architect recommend?

- A. Leverage Identity Product
- B. Leverage SOAP API
- C. Leverage Message Queue Product
- D. Leverage REST API
- E. Leverage Identity Product

Answer: D

NEW QUESTION 45

Universal Containers (UC) is planning to roll out a new Force.com app to a regional business unit. UC has partial copy and a full sandbox available for deployment. UC's Architect has been asked to design an environment strategy for integration testing and performance testing, as well as user acceptance testing. What is the recommended use of available sandbox types that an Architect should consider?

- A. Use the partial copy for performance testing and full sandbox for integration and user acceptance testing.
- B. Use the full sandbox for performance and user acceptance testing and the partial copy for integration testing.
- C. Use the full sandbox for integration testing and the partial copy for user acceptance and performance testing.
- D. Use the full sandbox for user acceptance testing and use the partial copy for integration and performance testing.

Answer: B

NEW QUESTION 50

Universal Containers is integrating their Salesforce platform with their on-premise ERP system. As part of the test class design DML operations are to be performed before making the test callout. What capability does Salesforce provides to facilitate this?

- A. Perform the DML operation within the Test.StartTest and Test.Stop Test and make the callout within Test.StartTest and Test.StopTest block.
- B. Perform the DML operation outside the Test.StartTest and Test.StopTest and make the callout with the Test.StartTest and Test.StopTest block.
- C. Perform the DML operation inside the Test.StartTest and Test.Stop Test and make the callout outside the Test.StartTest and Test.Stop Test block.
- D. Perform the DML operation outside the Test.StartTest and Test.StopTest and make the callout outside of the Test.StartTest and Test.StopTest block.

Answer: B

NEW QUESTION 55

Universal Containers (UC) has integrations developed between Salesforce and back-end ERP applications. During peak load, UC is getting an error at the integration layer indicating, "Login Rate Exceeded". Which two recommendations would mitigate this issue?

- A. Use a different user for each integration.
- B. Set the permission login to never expire for the user.
- C. Cache the session ID to avoid a login call.
- D. Keep re-typing the login call until it's successfu

Answer: AC

NEW QUESTION 58

Universal Containers has a homegrown application that polls Salesforce using SOAP API every 2 minutes to obtain newly created case information. This causes both performance issues and API usage limits to be exceeded. What should an Architect recommend to improve performance and optimum use the API limits?

- A. Use an Apex callout to identify new case records and send them to the client.
- B. Use Streaming API to publish new case records to a push topic and subscribe to it.
- C. Use Generic Streaming to send push notifications of case creation events to the client.
- D. Use REST API to identify new case records in Salesforce every 15 minute

Answer: B

NEW QUESTION 61

Universal Containers (UC) wants to connect their on-premise ERP system to view Order data in Salesforce. UC is considering a solution to integrate the on-premise system using Salesforce Connect via OData. Which three considerations should an Architect keep in mind when recommending use of Salesforce Connect?

- A. Customer wants the ability to query external data using Global Search and reports.
- B. Customer does not want real-time access to the ERP data and is willing to wait for hourly refreshes.
- C. Customer wants to create a master-detail relationship between Opportunity and the external object.
- D. Customer needs to query small amounts of data at any time and display using a related list.
- E. Customer has a large amount of data that they do not want to load into Salesforc

Answer: ADE

NEW QUESTION 63

Universal Containers (UC) maintains the Customer Master outside of Salesforce and would like to sync the Customer records with Salesforce on a daily basis. UC has complex logic in the Account trigger and will have to test it for bulk inserts and updates. UC has been given a csv file with test data. What is the recommended way to use this data in a test class?

- A. Load the customer-provided csv file as a static resource and refer to it in the test classes.

- B. Load the customer-provided csv file as a Chatter file and refer to it in the test classes.
- C. Load the customer-provided csv file under Documents and refer to it in the test classes.
- D. Load the customer-provided csv file to a custom object for testing and delete the test records after testing.

Answer: A

NEW QUESTION 67

Universal Containers has a data warehouse system that collects information from upstream systems in order to do proprietary reporting. Every day there are several thousand record insertions and updates in Salesforce that might be a interest to this data warehouse. Reports in the data warehouse are run at the end of the month.

What is a recommended way to transfer record insertions and updates to the data warehouse?

- A. Use the SOAP API's getUpdated() method to retrieve changed record IDs, then retrieve records.
- B. Use scheduled Apex to do an Apex callout to the data warehouse.
- C. Use native Outbound message functionality to send a message with each record change.
- D. Use a trigger to do an Apex callout to the data warehouse with each record chang

Answer: A

NEW QUESTION 71

Universal Containers (UC) is working with multiple partners to get lists of leads into the Lead aggregation system. These leads are imported into Salesforce as part of a daily batch integration through the ETL tool. UC observed that many times, leads are duplicated, as they are sourced from different partners.

Which two options should an Architect recommend to improve data quality?

- A. Extract Salesforce lead data into a staging table and use ETL to de-duplicate.
- B. Create a custom web service to identify duplicate leads and load.
- C. Design an ETL job to eliminate duplicates from the lead aggregation system.
- D. Use duplicate management rules on Lead to report duplicate record

Answer: CD

NEW QUESTION 73

Universal Containers (UC) uses several systems as part of their enterprise system landscape, including Salesforce and an ERP system. Salesforce is the master system for CRM data, such as Accounts and Opportunities. The ERP system is the master system for customer orders, shipping, and billing information. As part of their business process flow, when an order is created in the ERP system, it also needs to be created in Salesforce in real time.

Which two options should UC consider to ensure duplicate Orders are not created in Salesforce?

- A. Use outbound messaging to send a unique message ID to the ERP system.
- B. Use the upsert() function instead of create() to prevent the creation of unwanted duplicate records.
- C. Use a middleware tool to handle the responsibility for managing multiple duplicate calls.
- D. Customize the Apex web service REST call to send a unique message ID to the ERP system

Answer: BC

NEW QUESTION 74

UC leverages external MDM as the customer master. When an agent creates or updates an account in Salesforce, it must be created/updated in MDM before it is saved in Salesforce. Sales users should be allowed to navigate to other pages while the account record is saved.

What is the recommended approach?

- A. Make an @future callout to MDM from a trigger with page refresh using Action region.
- B. Make a continuation callout from VF page controller with page refresh using Action poller.
- C. Make an asynchronous callout from VF page controller with page refresh using Action region.
- D. Make a synchronous callout from VF page controller with page refresh using Action region

Answer: B

NEW QUESTION 75

Universal Containers leverages Sales Cloud as their sales platform. For every opportunity, three backoffice systems need to be updated online in parallel under a single transaction, Unit of Work. If an

update to one of the systems fails, a rollback is required for all successful updates in the transaction. Each system exposes different Services for the update and Call to the Services may take more than 10 seconds.

Which two options should an Integration Architect introduce to support this requirement?

- A. Salesforce Outbound Messaging
- B. Integration Middleware
- C. Message-oriented Middleware
- D. Salesforce Continuation

Answer: AC

NEW QUESTION 80

Universal Containers would like to use a hard-coded username/password/security token of a user with a System Administrator profile to integrate its back-end system to Salesforce for inbound API calls.

Which two security issues are associated with this approach.

- A. All back-end systems get uncontrolled access to any data within the Salesforce environment.
- B. Unintended password resets will cause the integration to stop working and disrupt business processes.

- C. Apex web services can execute with system privileges with such Salesforce credentials.
- D. Unsecure storage of the credentials may result in hackers gaining unauthorized access to Salesforce.

Answer: AD

NEW QUESTION 81

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