

Salesforce

Exam Questions Integration-Architecture-Designer

Salesforce Certified Integration Architecture Designer (SP21)



NEW QUESTION 1

Universal Containers is hearing complaints from users that recently released changes are breaking existing functionality. What type of testing program should a Technical Architect implement to reduce or eliminate this complaint?

- A. Performance Testing
- B. Unit Testing
- C. Regression Testing
- D. User Acceptance Testing

Answer: C

NEW QUESTION 2

Universal Containers utilizes the REST API to update the multiple Salesforce objects in real time based upon changes from their ERP system. They recently started encountering API Limits and have consulted the Integration Architect on possible solutions. What two possible strategies should the architect consider? Choose 2 answers

- A. Migrate the integration to the partner WSDL to support 200 DML operations in a single API call.
- B. Migrate the integration to the Bulk API which does not count towards the API limits.
- C. Utilize the REST API batch URI to consolidate 100 DML operations into single API call.
- D. Utilize workflow outbound messaging which does not count towards the API limits.

Answer: BC

NEW QUESTION 3

Universal Containers would like to display data from an external system inside of Salesforce, and has chosen not to enable Lightning Experience. They do not need the data for any other purposes within Salesforce.

Which approach should an Integration Architect recommend that matches the Salesforce UI? Choose 2 answers

- A. An iFrame embedding a custom .Net application that displays data from the other systems.
- B. A custom Visualforce page with a controller that calls out to the other systems.
- C. A custom Visualforce page with client-side calls out to the other systems.
- D. A middleware orchestration to continuously persist data from other systems into Salesforce

Answer: AB

NEW QUESTION 4

What are two considerations to make when performing SOAP callouts from within Apex? Choose 2 answers

- A. SOAP callouts consume API limits.
- B. WSDL2Apex supports RPC-style SOAP callouts.
- C. WSDL2Apex can be used to generate stub code.
- D. SOAP callouts cannot occur after any DML statement

Answer: CD

NEW QUESTION 5

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 principle 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 Opportunities and the other having "Modify All" to Accounts.
- C. Use a single "Integration User" with profile settings restricted to "view All" for Opportunities 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 6

Universal Containers is building a native mobile application that queries and updates data in their Salesforce in real time. What statement is correct about the Salesforce APIs?

- A. Enterprise WSDL minimizes payload size.
- B. REST API supports OAuth
- C. Enterprise WSDL supports WS-Security
- D. REST API supports WS-Security

Answer: B

NEW QUESTION 7

Universal Containers would like to update their accounting system every time an opportunity is changed to Closed-Won. Their accounting system occasionally is offline for 3-4 hours to support month-end processing, and they would like the integration design to ensure that no transactions are lost during this down time. Which two integration designs should the architect consider? Choose 2 answers

- A. Utilize the enterprise WSDL to query Salesforce from the Accounting system for opportunities that have changed to Closed-Won.

- B. Utilize an Enterprise Service Bus to the web service calls between Salesforce and the accounting System.
- C. Utilize workflow outbound messaging, which has a built-in queuing framework.
- D. Utilize an Apex trigger with an @future class to callout to the accounting system after the monthend processing is complete.

Answer: BC

NEW QUESTION 8

The Integration Team at Universal Containers is frustrated because the developers keep changing the data model and trigger behaviors during development, resulting in frequent rework and unexpected bugs lade in the development process.

What two recommendations should a Technical Architect make to resolve this issue? Choose 2 answers

- A. Implement a Regression Testing policy to catch issues earlier in the development process.
- B. Use a requirements traceability matrix to track data model changes back to the requirement that prompted them.
- C. Implement a continuous Integration process to identify issues earlier in the development process.
- D. Encourage code developers and integration developers to work in separate sandboxes

Answer: BC

NEW QUESTION 9

Which two options should be considered to permit automatic retry of failed updates when loading data into Salesforce?

Choose 2 answers

- A. Bulk API with serial option.
- B. Standard API with parallel option.
- C. Bulk API with parallel option.
- D. Standard API with serial option.

Answer: AC

NEW QUESTION 10

Universal Containers is migrating to Salesforce from a legacy system with existing SMTP-based integrations.

What Salesforce platform capability should an Integration Architect consider?

- A. Custom Apex class with webservice methods that implement the SMTP protocol.
- B. Custom InboundEmailHandler to process the messages.
- C. Lightning connect with an oData/SMTP interchange.
- D. Custom Apex batch job to check for SMTP message

Answer: A

NEW QUESTION 11

Universal Containers has a requirement to query all Account records within Salesforce that were updated in the last 24 hours and download those Accounts to their data warehouse on a nightly basis. They expect the volume of records to be between 500-1500 records per day.

What three techniques should an Architect consider ? Choose 3 answers

- A. Leverage a time-based workflow action to trigger an account outbound message notification for all records updated within the last 24 hours.
- B. Leverage the Enterprise WSDL getUpdated() operation to retrieve Account records updated within the last 24 hours.
- C. Leverage the Salesforce Data Replication API getUpdated() operation to retrieve Accounts records updated within the last 24 hours.
- D. Leverage a third party tool ETL with a dynamic changing SOQL to retrieve Accounts updated within the last 24 hours.
- E. Leverage the REST API / sObjects / Account / updated URI to retrieve Accounts records updated within the last 24 hours.

Answer: BCD

NEW QUESTION 12

Universal Containers is currently doing User Acceptance Testing for small changes in a Developer sandbox. Users are complaining that allow release to production, some functionality is broken and performance is often negatively impacted.

What is causing these complaints?

- A. Users should be testing in a Partial Sandbox in order to replicate Production functionality and performance characteristics.
- B. Users should be testing in a Full Sandbox in order to replicate Production functionality and performance characteristics.
- C. Users should be testing with data loaded into the Developer sandbox in order to replicate Production functionality and performance, characteristics.
- D. Users should be testing in a Developer Pro sandbox in order to replicate Production functionality and performance characteristics.

Answer: B

NEW QUESTION 13

Universal Containers wishes to validate street addresses in Salesforce against their legacy Accounting system, which is the system of record. Retrieving an Account record in this system takes 7-12 seconds per query, and the address must be validated as quickly as possible to ensure proper order processing.

What integration pattern should an Architect suggest?

- A. Remote Invocation initiated by Middleware
- B. @Future method with an Apex callout.
- C. Nightly batch validating records modified the previous day.
- D. Outbound Message with a Callbac

Answer: D

NEW QUESTION 14

Universal Containers is building a mobile application that connects to Salesforce for reading and updating data. What is the appropriate authentication solution?

- A. Create a mobile Integration user ID whose credentials are stored within the mobile application code.
- B. Prompt for the mobile user's username and Password; utilize the OAuth Username-Password flow to obtain an OAuth token.
- C. Redirect to Salesforce via the User-agent OAuth flow to obtain an access token and refresh token.
- D. Prompt for the mobile user's username and password; utilize the Enterprise WSDL login() operation to obtain a session ID.

Answer: C

NEW QUESTION 15

Universal Containers has an external ERP that will manage inventory and initiate shipping logistics after an Opportunity is marked "Closed Won" in Salesforce. A "Shipping Number" needs to be written back to the Opportunity to track related records in the ERP. Sales Reps need to move quickly from one Opportunity to the next.

What integration pattern will satisfy the system reqs while maximizing the efficiency of the Sales Reps?

- A. Remote Process Invocation - Fire and Forget
- B. Batch Data Synchronization
- C. Remote Process Invocation - Request and Reply
- D. Remote Call-In

Answer: A

NEW QUESTION 16

What is the recommended approach to implement a login authentication call for an inbound integration call to Salesforce?

- A. Perform the login call only when the session/access token has expired or no longer works.
- B. Perform the login authentication call before each integration call to Salesforce every time.
- C. Only perform a single login call forever and store the session/access token permanently.
- D. Perform the login authentication call before a single transaction of multiple calls to Salesforce.

Answer: A

NEW QUESTION 17

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 successful.

Answer: AC

NEW QUESTION 18

When an opportunity is closed in Salesforce, an order should be created in the back-office SAP system. At the end of the day, Universal Containers allows customers to call back and cancel an order within 24 hours. To cancel an order, the Sales Rep has to set the opportunity status to Open from Closed. The Sales Manager wants all opportunities that changed from Closed to Open to be sent over to the SAP system for order cancellation on a nightly basis. Salesforce has a total of 20M opportunities. What is the recommended way to achieve this?

- A. An ETL job to leverage Bulk API to extract modified opportunities.
- B. An ETL job to leverage REST API to extract all opportunities.
- C. An ETL job to leverage SOAP API to extract modified opportunities.
- D. An ETL job to leverage SOAP API to extract all opportunities.

Answer: C

NEW QUESTION 19

When a Sales Rep closes an opportunity in Salesforce, an Order should be created in Universal Containers' SAP system and the Sales Rep should be notified with an order number as soon as possible.

What is the recommended solution?

- A. Apex @ future callout from an update trigger with an opportunity page refresh using Streaming API.
- B. Workflow Outbound message with an email notification on callback from SAP.
- C. Apex callout from an update trigger with an opportunity page refresh using Streaming API.
- D. Workflow Outbound message with an email notification on acknowledgement from SAP.

Answer: B

NEW QUESTION 20

Universal Containers (UC) has multiple orgs with Sales and Service Cloud implementation to support different lines of business. UC is planning to consolidate Salesforce orgs to benefit from a 360-degree view of the customer based on revenue, support requests, and contracts.

What should an Architect recommend?

- A. Use staging tables with an ETL tool for data cleaning and standardization.
- B. Use a custom REST service for data cleaning and standardization.
- C. Use a custom SOAP service for data cleaning and standardization.
- D. Use standard SOAP API for data cleaning and standardization.

Answer: A

NEW QUESTION 21

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