Salesforce

Exam Questions Integration-Architecture-Designer

Salesforce Certified Integration Architecture Designer (SP19)

NEW QUESTION 1
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 2
Universal containers has a simple co -premise web app that is unauthenticated.
What capability should an integration Architect recommend to make the app accessible from within Salesforce?

A. Apex callout
B. Visualforce
C. Custom Web tab
D. Lightning connect

Answer: C

NEW QUESTION 3
Universal Containers is building a managed package to distribute on the AppExchange. As part of the solution they would like to include authentication information (username/password) inside of the package for web service calls made from the package Universal containers web services. A Salesforce security review has flagged this as a security violation and the architect must decide how best to protect these credentials
Which two methods should the architect consider in order to protect these credentials? Choose 2 answers

A. Utilize named credentials to store the username/password of the web service end post.
B. Utilize a custom object with an encrypted text field to store the username/password of the web service end point.
C. Utilize protected custom settings to store the username/password of the web service end point.
D. Store the username/password directly in the Apex class that will be obfuscated in the managed package.

Answer: AC

NEW QUESTION 4
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 5
Universal Containers is hearing complaints from users that recently released changes arebreaking 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 6
Which mechanism should an Integration Architect recommend to make a secure, authenticated connection to a remote system that results in the remote system trusting Salesforce?

A. Encrypt the Payload with a shared key.
B. Use a pre-shared key in a query parameter.
C. Implement two way (or mutual) SSL certificates.
D. Utilize CA - signed certificates on the hos

Answer: D

NEW QUESTION 7
Universal Containers would like to integrate Salesforce to their Accounting system. Salesforce must notify the accounting system for every new account that has been created. The security team will not allow Salesforce to integrate directly to the accounting system due to potential security issues. Which three stages should the Architect consider to reduce the security concerns for this Integration use case?
Choose 3 answers

A. Terminate the SSL connection at a reverse proxy in the DMZ which establishes trust in the connection using mutual SSL.
B. Enable WS-security for the web services made between Salesforce and the accounting system.
C. Whitelist the Salesforce IP range on the firewall to ensure only Salesforce- originated traffic can penetrate the network.
D. Utilize an Enterprise Service Bus to ensure Accounting system credentials are not stores within Salesforce.
E. Enable platform encryption in the Salesforce org to ensure network communication to the Accounting system is encrypted.

Answer: BDE

NEW QUESTION 8
Universal containers built an integration using the Bulk API to load records from a legacy system into Salesforce, Parallel option with batch size 1000 was used However, the batches often fail due to " Max CPU time exceeded"errors which could be resolved with a Similar batch size.
What are two risks involved with batch sizes that are too small? Choose 2 answers

A. Possibilityof hitting the daily limit for number of batches.
B. possibility of very long bulk job execution times
C. Possibility of failures due to record-locking errors.
D. Possibility of hitting the "Too many concurrent batches" limi

Answer: BC

NEW QUESTION 9
Universal Containers is using the enterprise WSDL to integrate their financial system to salesforce, while reading y=the release notes for the upcoming salesforce release the architect discovers a new object will be added to the salesforce data model that would be beneficial for the financial system integration.
What two actions should the architect take to ensure the new object will be available to the financial system integration?
Choose 2 answers

A. Download the latest enterprise WSDL that contains the new object definition to generate Web service stubs for the new Salesforce object.
B. Download the latest partner WSDL that contains the new object definition to generate web services stubs for the new salesforce object
C. Migrate to the partner WSDL to generate a generic sObject service stub that can be leveraged for existing and future Salesforce objects
D. igrate to the metadata API to download the new salesforce sObject definition into the financial system integration.

Answer: AD

NEW QUESTION 10
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 10
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 15
Universal Containers has decidedthat 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 18
What should an integration Architect consider when building a visulaforce page that makes clientside callouts to multiple domains that may violate the browser's same-origin policy?
Choose 2 answers

A. Setup CORS to whitelist all domains that the client scripts communicate with.
B. utilize the canvas SDK to perform the callouts.
C. Ensure each javascript resource communicates only with its origin.

D. Set up Remote site settings for all domains that the client scripts communicate wit

Answer: AD

NEW QUESTION 23
Universal Containers has chosen Salesforce Wave as their Analytics Platform. There is a requirement to join data from multiple systems(including Salesforce) to be displayed in a single Wave Lens. What should the Architect recommend?

A. Use an ETL tool to load the data into Salesforce, upserts to ensure that the data in properly joined.
B. Use Data flow to load Salesforce data, and an ETL tool to load other data sets.
C. Use an ETL tool to join multiple sources and load them into a single data set.
D. Use data flow to load Salesforce data,and lightning connect to access the other data sets in real time.

Answer: C

NEW QUESTION 25
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-Securit

Answer: B

NEW QUESTION 27
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 32
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 35
Universal Containers has a SOAP-based integration that runs nightly to update the Product(Product2) object in Salesforce with updated product availability for over 500,000 products. The source system is a green-screen ERP that must be taken offline to produce nightly production reports, such as the inventory availability report used for this integration. The integration is performing very slowly and does not complete within the allocated four-hour time slot.
What three recommendations might a Technical Architect make to resolve this issue? Choose 3 answers

A. Use outbound Messaging to notify Salesforce promptly when product availability changes in the source system.
B. Store the Salesforce Product ID in the source system to eliminate the need for External IDs and UPSERT API calls.
C. Pre-process the data to avoid the need for workflow rules or triggers
D. Use the Bulk API UPDATE or UPSERT records more efficiently.
E. Contact Salesforce support to request that they turn off record locking on the Product2 objec

Answer: BCD

NEW QUESTION 39
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 44
Universal Containers wants to ensure Salesforce will only accept secure connections from their ETL tool.
How should calls to a custom Apex web service be secured?

A. VPN
B. Two-way SSL
C. Profile Security
D. IP Whitelisting

Answer: B

NEW QUESTION 48
try Universal Containers is planning a data migration into Salesforce and must decide whether to use the Bulk API or the SOAP API.
Which three statements are true about the Bulk API and REST API?
Choose 3 answers

A. DML limits on Bulk are not governed on Salesforce servers.
B. The SOAP API provides jpb monitoring on the Salesforce setup menu.
C. The Bulk API allows multiple attachments to be leaded from within a single ZIP file.
D. The SOAP API avoids record locking contention on parent objects of Master-Details relationship.
E. The Bulk API may cause record locking contension on parent objects od Master-Details relationship.

Answer: CDE

NEW QUESTION 51
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 authenticatesto Salesforce using Enterprise WSDL login().

Answer: C

NEW QUESTION 56
What are three capabilities of Salesforce outbound messaging? Choose 3 answers

A. Provide a session ID as part of the outbound message.
B. Repeatedly send a SOAP notification for up to 24 hours until an acknowledgement is received.
C. Build integration components without the Use of APEX.
D. Define a WSDL based upon 2 objects related via Master-Detaikls relationship.
E. Define a custom WSDL based upon an Apex Interface class definitio

Answer: ABC

NEW QUESTION 60
In which three ways can production data be moved into a sandbox for testing purpose?

A. Refresh a Full Sandbox.
B. Use the metadata API.
C. Request a Snapshot from Support
D. Refresh a Copy Sandbox.
E. use the Apex Data Loade

Answer: ADE

NEW QUESTION 62
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 reache

Answer: AD

NEW QUESTION 65
Universal containers is implementing Salesforce for the first time. As part of the implementation, approximately 10 Million contact records need to be migrated into the new environment.
What tool should an architect recommend?

A. Salesforce Data Loader
B. Data Import Wizard
C. Excel connector
D. Salesforce Workbench

Answer: A

NEW QUESTION 68
What Salesforce technology should an Integration Architect consider when needing to securely expose an external system User Interface from within the Salesforce UI and provide that system with information about the user?

A. Visualforce
B. Custom Web Tab
C. Canvas
D. Lightning Component

Answer: C

NEW QUESTION 72
What are two benefits of named credentials? Choose 2 answers

A. They simplify utilizing oAuth for Apex callouts.
B. They Secure integrations to Salesforce from other systems.
C. They enforce secure communication to external systems
D. They securely store credentials in a maintainable wa

Answer: AD

NEW QUESTION 76
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 80
Universal Containers acquiresplanetary shipping and decides to migrate all customer contacts of planetary Shipping into Universal Containers Salesforce org Due to the lack of common unique identifier, they decide that a combination of first name, last name and street address could be used as a key to identify duplicate contacts. These three fields are populated on all contacts in both the systems.
Which two methods should be considered to load contacts into Universal Containers org and avoid creation of duplicate contacts?
Choose 2 answers

A. Create a new text field to contain a hashed value for (first name+last name + street number) in Universal containers org and define it as External ID.
B. Create an indexed formula field for (first name+last name + street number) so that a search can be done on the key before loading records.
C. Create a new formula field for (first name+last name + street number) in universal containers org and use it as External ID.
D. Create no new fields, but define the three fields (first name+last name + street number) as External IDs in universal Containers org.

Answer: AB

NEW QUESTION 82
Universal containers has an ERP application where all customer orders are stored. There are millions of customer orders stored in the ERP application and a longtime customer may have thousands of individual orders. Additionally, some order informationmay house personally identifiable information that, due to company policy, can only be stored in ERP. Universal Containers would like the five most recent orders displayed on the account page in Salesforce
How should an architect design this requirement considering both security and scalability?

A. Leverage the REST API to receive orders from the ERP system as they are created.
B. Leverage Salesforce Lightning Connect to display order information in Salesforce.
C. write an outbound message to receive orders from ERP system as they are created.
D. Build a scheduled ETL job to sync all customer order history in the orders objec

Answer: A

NEW QUESTION 87
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 90

Universal Containers (UC) has Wave Analytics in their Salesforce org. UC has expertise and access to the Dell boomi ETL tool. UC would like to get all leads and opportunities from the org and data from a few other Marketing tools to a Wave instance for enhanced analysis.
What is the recommended solution to set up the data process?

A. Dell boomi for data from Salesforce and data from other sources.
B. Wave Data flow for Salesforce data and Dell boomi for data from other sources.
C. Export data from all sources into Excel and use Wave connector to import data.
D. Use Wave data flow for Salesforce data and data from other source

Answer: B

NEW QUESTION 93
Universal Containers has Logistics Engineers that observe a near real-time dashboard in Salesforce of shipping containers that are in transit. Without leaving the dashboard, an Engineer can select a container to request an updated status on that container. These requests are handled by a
proprietary shipping system that queues the requests to send to each container. Containers are connected devices and check in with the shipping system every 30 seconds to receive any status requests.
What integration pattern or combination of patterns would be needed to connect Salesforce and the shipping system?

A. UI Update Based on Data Changes and Batch Data Synchronization
B. Remote Process Invocation-Fire and Forget, with UI Update Based on Data Changes
C. Remote Call-In, with UI Update Based on Data Changes
D. Remote Process Invocation-Request and Reply

Answer: B

NEW QUESTION 95
Universal Containers (UC) would like to provide near real-time updates on their customer-facing external portal when a Sales Manager approves a new feature that is recommended by a customer.
UC has no middleware, and the portal exposes a REST API therefore, UC is considering a custom-built system process to handle the integration.
What is the recommended approach for the custom-built system process to retrieve updates in near real-time?

A. Leverage a related push topic that pushed information to the portal client.
B. Leverage a Streaming API client to subscribe to the related push topic.
C. Leverage Canvas to send information to the portal whenever an idea is voted on.
D. Leverage an outbound message to the portal whenever an idea is voted on the saved.

Answer: B

NEW QUESTION 99
Universal Containers is using Sales Could with Order Capture. It has been integrated with an SAP system for Order fulfillment. The SAP system sends the Order status updates to Salesforce on a nightly basis. The SAP system tracks Order status more granularly than required by Salesforce. Which two options should an Architect recommend to address different statuses in Salesforce and SAP?

A. Create a batch Apex to run on a daily basis, which converts order status to pre-defined order status.
B. ETL Change Data Capture interface to send only required status updates to Salesforce.
C. ETL change Data capture interface transforms the SAP order statuses to Salesforce order status.
D. Update the SAP Order fulfillment process to match Salesforce Order Statuses against the SAP order status.

Answer: BC

NEW QUESTION 103
Universal Containers (UC) has an existing web-based application that a group of employees use on a regular basis. These employees often have Salesforce and the web-based application open and find themselves manually moving the data between both. UC would like the two systems to be integrated so that the employees will see all the data in one screen without the need for manually updating the data.
What integration pattern can help accomplish this requirement?

A. Use the Force.com canvas framework to embed the external application into Salesforce.
B. Use Steaming API to create a push topic to send the message to the external system asynchronously.
C. Use Rest API to pull data from Salesforce and update the external applicatio

Answer: A

NEW QUESTION 104
Developers at Universal Containers have created a custom command-line tool to help with their application lifecycle management by allowing them to deploy metadata changes such as page layouts, custom labels, and list views to their org using the Metadata API.
What integration pattern does this tool utilize?

A. Request and Reply
B. Fire and Forget
C. Remote Call-In
D. UI Update Based on Data Changes

Answer: A

NEW QUESTION 107
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 Salesforc

Answer: A

NEW QUESTION 112

Universal Containers has a custom Visualforce page that makes a callout to an external service to show historical sales data from the warehouse. Due to heavy usage and slow response time of the external web service, Salesforce continues to hit the Apex Concurrent limit. Assuming that external web service response time can't be improved,
what changes can be made to the custom Visualforce page and Apex Controller to avoid hitting the Apex Concurrent limit?

A. Use @future annotation to make the HTTP Callout.
B. Replace the standard HTTP Callout with Continuation.
C. Invoke a Workflow Outbound message from the Apex trigger.
D. Set a timeout on the web service HTTP callou

Answer: B

NEW QUESTION 116

Universal Containers (UC) has Salesforce integrated with their mainframe system. All the orders placed in Salesforce are sent to the mainframe system in a nightly batch process.
Which two capabilities are required for middleware to support this integration?

A. Support for Metadata API
B. Extract, transform, and load
C. Message queuing
D. Synchronous transactions

Answer: BC

NEW QUESTION 117

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 121

Customer Support Reps at Universal Containers (UC) work on a Case record in Salesforce while talking to a customer on the phone about a piece of machinery they have purchased from UC. This machine is a connected device and sends data packets to UC as the customer presses buttons on the machine.
What integration pattern will allow the support Rep to watch their screen and diagnose problems customer is having in near real-time?

A. UI Update Based on Data Changes
B. Remote Process Invocation-Request and Reply
C. Remote Process Invocation-Fire and Forget
D. Remote Call-In

Answer: A

NEW QUESTION 126

Universal Containers (UC) uses Salesforce to create and manager accounts and opportunities. With Salesforce being the master of records, the opportunities on existing accounts are required to be updated with product usage statistics from an on-premise usage tracking system that is capable of participating in contract-first integration.
Which three steps should the Integration Architect consider given that UC does not want any custom
development in Salesforce?

A. Create a Workflow outbound message during Opportunity creation and provide the Opportunity ID and Session ID to the remote system.
B. Use a REST API callback to update the Opportunity record with the product usage data from the remote system.
C. Create a Process Builder outbound message during Opportunity creation and provide the Opportunity ID and Session ID to the remote system.
D. Use a SOAP API callback to update the Opportunity record with the product usage data from the remote system.
E. Generate a partner WSDL in Salesforce and provide it to the remote system to create a client stu

Answer: ADE

NEW QUESTION 130

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 regio

Answer: B

NEW QUESTION 133
Universal Containers (UC) manages all of their customer information on the Sales Cloud. UC would like to view real-time order information from their ERP system, and also update the ERP system with service information from Salesforce that relates to the orders. UC's ERP system supports OData 4.0. Which two options are recommended to achieve the desired functionality?

A. Set up data replication for order and service data syncing.
B. Use an Apex callout to look up order information on the ERP system.
C. Use Salesforce connect for looking up order information from ERP.
D. Use Salesforce connect to write service data into UC's ERP syste

Answer: CD

NEW QUESTION 135
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 executive 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 140
......

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questons and Answers in PDF Format

Integration-Architecture-Designer Practice Exam Features:

* Integration-Architecture-Designer Questions and Answers Updated Frequently

* Integration-Architecture-Designer Practice Questions Verified by Expert Senior Certified Staff

* Integration-Architecture-Designer Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* Integration-Architecture-Designer Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The Integration-Architecture-Designer Practice Test Here](https://www.certshared.com/exam/Integration-Architecture-Designer/)