

Integration-Architecture-Designer Dumps

Salesforce Certified Integration Architecture Designer (SP19)

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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 goes 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 simultaneously.

Answer: AB

NEW QUESTION 2

Universal Containers (UC) leverages the standard opportunity and opportunity product objects to manage their orders in Salesforce. When a deal is closed, all opportunity information, including products and billing contacts, must be sent to their ERP application for order fulfillment. As UC has an "express shipping" guarantee, leadership would like order information sent to ERP as quickly as possible after the deal is closed?

How should an Architect fulfill this requirement?

- A. Write a nightly batch job to send customer information to ERP.
- B. Write a Visualforce page to send order information to ERP.
- C. Write an opportunity trigger to send order information to ERP.
- D. Write an outbound message to send order information to ERP.

Answer: C

NEW QUESTION 3

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 4

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 tool to de-duplicate contacts.
- D. Enable duplicate management in the org to prevent duplicates

Answer: CD

NEW QUESTION 5

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 entered

Answer: AD

NEW QUESTION 6

What are three capabilities of Salesforce Lightning Connect? Choose 3 answers.

- A. Write to OData - Compliant data sources without APEX.
- B. Read from OData - Compliant data sources without APEX.
- C. Associate external object records to Salesforce Account records.
- D. Write triggers and workflows on external objects.
- E. Write SOQL queries on external object.

Answer: BCE

NEW QUESTION 7

Universal Container needs to integrate Salesforce with 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 8

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 custom module 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 9

Universal containers would like to restrict access to Salesforce to only clients on their network Which two mechanisms should an Integration Architect utilize to prevent unauthorized clients? Choose 2 answers

- A. Configure Login IP Ranges on any profiles used by Integration B. Use a login flow to validate the IP and request a 2nd factor if incorrect
- B. Use a trigger to change the user's profile if their IP is not trusted.
- C. Enable the "Lock sessions to the IP address from which they originated" setting

Answer: AB

NEW QUESTION 10

Universal Containers is building an integration between Salesforce and their Accounting system. The integration will utilize outbound messaging with call back pattern to Salesforce. The security officer would like to understand the authentication solution.

What are the three ways that the call back can authenticate itself to Salesforce? Choose 3 answers

- A. Utilize the Enterprise WSDL login() operation to obtain a new session ID.
- B. Utilize an OAuth Username-Password flow to obtain a new OAuth token for the session ID.
- C. Utilize the REST API login() operation to obtain a new session ID
- D. Utilize the session ID contained within the outbound message notification as the authorization header.
- E. Utilize the partner WSDL with OAuth to obtain a valid OAuth token for the session ID

Answer: ACD

NEW QUESTION 10

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 stored within Salesforce.
- E. Enable platform encryption in the Salesforce org to ensure network communication to the Accounting system is encrypted.

Answer: BDE

NEW QUESTION 11

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. Integrate to the metadata API to download the new Salesforce sObject definition into the financial system integration.

Answer: AD

NEW QUESTION 16

Universal Containers is hearing complaints from users that recently released changes while they meet the functional requirements are not actually usable and/or do not meet their expectations for user experience for example, a Visualforce page that takes too long to display the first page of data. Which two types of testing should a technical Architect implement to reduce or eliminate the complaint?

Choose 2 answers

- A. user Acceptance Testing
- B. Unit Testing
- C. Regression Testing
- D. Performance testing

Answer: AD

NEW QUESTION 21

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 22

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 25

Which two approaches should an Integration Architect recommend to allow access to on-premise systems by Salesforce?

Choose 2 answers

- A. Place the systems in aDMZ.
- B. Whitelist Salesforce IPs on the firewall.
- C. Utilize two-way(mutual) SSL
- D. Whitelist the corporate IPS in Salesforc

Answer: BC

NEW QUESTION 29

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 32

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 35

Universal Containers has an 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 green

screen ERP that must be taken offline to produce nightly production reports such as the inventory availability report used for this integration. The Salesforce integration frequently reports failures due to data validation errors.

Which two steps should the Technical Architect should recommend? Choose 2 answers

- A. Ask the ERP report designers to redesign the report to provide properly formatted data.
- B. Implements a regression testing policy to detect issues following development.
- C. Use SOAP headers to turn off validation rules and triggers during the integration.
- D. Review the Salesforce data model and Validation rules and modify the integration as necessary

Answer: BD

NEW QUESTION 36

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 Salesforce

Answer: CDE

NEW QUESTION 37

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 38

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 43

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 45

In order to avoid slowing down inbound call center sales agents, Universal Containers wants to deduplicate Lead records against their 3rd-party MDM system after that the agent has served the record in Salesforce.

What integration strategy should an Architect recommend?

- A. Outbound message to MDM with a callback to Salesforce to mark duplicate Leads.
- B. Sync the MDM system to a custom object in Salesforce and execute a Lookup validation rule against the object.
- C. Batch APEX process to de-duplicate all records first in Salesforce then against MDM, deleting the newest MDM record.
- D. Use Out-of-the-Box Lead De-duplication Rules to check against MD

Answer: A

NEW QUESTION 47

Universal Containers ships millions of orders per year and releases code fixes to the production org nightly. Their corporate testing strategy requires that tests must be performed against Production data in an isolated test environment before code can be released to production.

How can Universal Containers achieve the requirement?

- A. Use Salesforce-to-Salesforce to keep data synchronized between production and full sandboxes.
- B. Utilize a middleware solution and batch API to do a nightly synch from production to Full sandbox.
- C. Create APEX unit tests so testing can be done against Production data, but rolled back before being committed.
- D. Request that Salesforce to schedule a full sandbox refresh on a nightly basis

Answer: B

NEW QUESTION 48

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 job monitoring on the Salesforce setup menu.
- C. The Bulk API allows multiple attachments to be loaded 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 contention on parent objects of Master-Details relationship.

Answer: CDE

NEW QUESTION 53

Universal Containers has a trigger on the Order object to update the parent Account with the date and time of the last closed Opportunity. An integration that inserts orders for the high-volume customers is failing periodically, with no obvious pattern to the timing of failures.

What could be the cause of this issue ?

- A. The trigger is failing Unit Tests that access the new data.
- B. API limits being limited.
- C. Data skew is causing record locking issues on the Order object.
- D. Record locking contention on the parent Account.

Answer: D

NEW QUESTION 56

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 for 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 58

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-Detail relationship.
- E. Define a custom WSDL based upon an Apex Interface class definition.

Answer: ABC

NEW QUESTION 63

What are the two considerations of Apex REST services that an integration architect should keep in mind when building custom integrations?

Choose 2 answers

- A. They cannot utilize publisher actions.
- B. They require unit and functional testing.
- C. They cannot be built or maintained declaratively.
- D. They consume more API limits than SOAP or REST API.

Answer: AC

NEW QUESTION 64

In which three ways can production data be moved into a sandbox for testing purposes?

- 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 Loader.

Answer: ADE

NEW QUESTION 67

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 72

Universal Containers decided to use Salesforce Sales Cloud for their sales processes. Won Opportunities must be sent to an external source for Order fulfillment. All lint items must also be sent, along with opportunities. The ERP system has SOAP based web services orders. UC chose to use Apex callouts. Which two design trade-offs must be taken into account when using Apex callouts to SOAP base web services? Choose 2 answers

- A. Too many callouts resulting in exceeding the daily limit for number of callouts.
- B. Code changes may be required following upgrades to the ERP system.
- C. DML operations are not allowed right after Apex callouts.
- D. Appropriate error handling to retry failed message

Answer: AC

NEW QUESTION 77

An insurance company decides to build an online portal using the Salesforce platform for receiving quote requests from customers. The company has a legacy quoting system that will generate quotes while the rest of the sales process is managed by Salesforce Sales Cloud. The legacy system has an API for creating quotes. What Implementation method should be used so that customers can request quotes online and receive them in real time?

- A. Middleware tool to pull quote requests from SF and push to the legacy system.
- B. Trigger with an @Future method to send quote requests to the legacy syste
- C. C.Outbound message to send quote requests from Salesforce to the legacy system.
- D. Apex callout to send quote requests from Salesforce to the legacy Syste

Answer: D

NEW QUESTION 78

Which protocol should an Integration Architect utilize to create a secure channel between Salesforce and other system?

- A. SMTP
- B. TLS
- C. SSH
- D. SFTP

Answer: B

NEW QUESTION 81

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 86

Universal containers merges with planetary shipping both companies use Salesforce for order processing and they decide to consolidate for processes. universal containers has well-established channels for receiving orders, so they decide to use Universal containers org for receiving and preprocessing of orders and Planetary Shipping's org for processing and fulfillment of orders.

What is the best way to integrate the business processes of the companies?

- A. Use Apex callout to push orders from universal Containers to Planetary Shipping
- B. Use salesforce-to-Salesforce integration between Universal containers and Planetary shipping
- C. Use Outbound messages to send orders from Universal Containers to Planetary shipping.
- D. Use a Middleware tool to pull orders from Universal Containers and push to Planetary Shippin

Answer: B

NEW QUESTION 89

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 information may 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 94

UC leverages customer MDM as a source of truth. The requirement is to dedupe and store any account or contact created in MDM before the same is created in Salesforce. This ensures data is clean and not duplicated in Salesforce. During peak season, users experience a "Concurrent Request Limit Exceeded" error. What is the recommended solution?

- A. Invoke a continuation callout to MDM from a VF Page controller.
- B. Invoke a continuation callout to MDM from a before insert trigger.
- C. Invoke a continuation callout to MDM from a VF Page JavaScript.
- D. Invoke a continuation callout to MDM from a VF Page @future cal

Answer: A

NEW QUESTION 95

Universal Containers requires Salesforce to send order data to an ERP system that requires a systemdefined username/password for authentication. Which two integration options are recommended from a security perspective?

- A. Fire outbound messages to a middleware that stores the credentials instead of an Apex callout.
- B. Use custom settings to store the username and password allowing the Apex callout to read it.
- C. Set up a Named Credential with a Named Principal Identity Type allowing the Apex callout to use it.
- D. Store the username/hashed password in a private Static Resource, allowing the Apex callout to read it.
- E. Use custom settings to store the username and password allowing the Apex callout to read i

Answer: C

NEW QUESTION 100

Universal Containers (UC) stores inventory of products in one Salesforce org. UC wants regional and local branch offices who have their own Salesforce orgs to see the latest information about the product. What is the recommended approach to provide data access?

- A. Use Heroku Connect to provide access to products as external objects from other orgs.
- B. Use Salesforce Connect with oData to provide access to products as external objects.
- C. Use Apex HTTP Callouts to call Salesforce Rest APIs and provide access restrictions within the Apex class.
- D. Use Cross-Org adapter for Salesforce Connect to provide access to products as external object

Answer: D

NEW QUESTION 103

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 108

Universal Containers send quotes to customers periodically when the customer contract is near expiration. Quoting is generated by an external quoting engine. The VP recommends that the quote generated request should be sent one week prior to the contract expiration. The Quote engine requires the latest account, contact, and contract information from Salesforce to generate the quote. What is the recommended solution?

- A. A scheduled batch Apex to gather additional information from Salesforce and make a sync callout to the quote engine.
- B. Workflow-initiated alert to the Sales Rep, who will submit a request from a custom controller in a Visualforce page.
- C. Workflow-initiated outbound message with a callback to gather additional information from Salesforce.
- D. Workflow-initiated Apex to gather additional information from Salesforce and make a sync callout to the quote engine.

Answer: A

NEW QUESTION 111

Universal Containers would like to send all the closed opportunity records to the back-end legacy order management system. The order management system exposes REST API endpoints. What is the recommended approach to send the data to the order management system?

- A. Workflow Outbound SOAP API message to a middleware system.
- B. Workflow Outbound SOAP message to the order management system.
- C. Workflow Outbound SOAP message to a middleware system.
- D. Workflow Outbound REST message to the order management syste

Answer: C

NEW QUESTION 112

Universal Containers (UC) wants to start sharing some of the information collected from customers in Salesforce to other systems. UC wants to start sharing some sales data (orders) with a third-party application to help forecast inventory. This is a web application that supports SOAP and REST interfaces to send and receive data. What is the recommended solution for integrating with this product?

- A. Create a Submit to Forecast Button on the Order Page to send the data to the Web application via REST.
- B. Configure an Outbound Message to send a SOAP call via a Workflow rule to the Forecasting application on close.
- C. Create an APEX trigger that makes the REST callout to the Forecasting application with the data when the deal closes.
- D. Utilize a third-party ETL tool to synchronize the data from Salesforce to the Forecasting application using the Bulk API.

Answer: A

NEW QUESTION 114

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 118

Universal Containers has a back-end ordering system that restricts access on a per-user basis, it was determined that a "Named Credential" will be used to allow per-user identity type access for all integration with the system. One of the requirements is to have order information sent to the system when the status changes to "Confirmed".

Which two valid integration scenarios can take advantage of such a security setup?

- A. Order information sent to the system via outbound message with session ID.
- B. Order information sent via a Visualforce page with an Apex callout.
- C. Order information inserted or updated via Salesforce Connect: OData 2.0.
- D. Order information sent via process builder via invocable method/future method callou

Answer: CD

NEW QUESTION 121

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 122

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 124

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 Visaualforce 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 126

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 128

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 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 opportunitie

Answer: C

NEW QUESTION 130

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 132

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 136

Universal Containers has 1,200 active users. Up until last year, they were creating a maximum of 200,000 orders a day. This year because of a new product launch, they are creating a maximum of 300,000 orders per day. They have a trigger on the Order object that has a @future method inside, which it calls via an external web service hosted on middleware. Due to this sudden growth, they have started seeing delays in web service calls where some of the calls are delayed for a few hours. What can be issue for this delay and what integration pattern would an Architect recommend?

- A. The system is reaching daily limits of @future call
- B. Replace the HTTP Callout with a Workflow Rule and Outbound messages.
- C. The system is reaching daily limits of web service callout
- D. Batch web service callouts to stay under the limit.
- E. The system is reaching daily limits of @future call
- F. Remove @future annotation and call the web service directly from the trigger.
- G. The system is reaching daily limits of web service callout
- H. Create a ticket to Salesforce support to increase the limit.

Answer: A

NEW QUESTION 137

Universal Containers (UC) is planning on a production release with a large data volume to be migrated to Salesforce from a back-office system. The incoming data is constantly being updated in the back-office system. UC would like to keep the data synchronized in near real-time in Salesforce. What is the recommended approach to achieve this?

- A. Use Bulk API for a one-time migration and an Apex web service call-in for an incremental load.
- B. Use Bulk API for a one-time migration and a SOAP API call-in for an incremental load.
- C. Use SOAP API for a one-time migration and a REST API call-in for an incremental load.
- D. Use Bulk API for a one-time migration and a Bulk API call-in for an incremental loa

Answer: A

NEW QUESTION 138

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 140

Universal Containers needs to send order details to the ERP system using an Apex callout to a REST API via HTTPS. The client has concerns with the integration's security and insists that such order details should be transmitted securely.

Which two approaches should be used to ensure secure transmission of data from Salesforce to the ERP's REST API?

- A. The REST API should be SSLO enabled with a CA-signed certificate.
- B. The order details should be passed in a URL parameter in the REST API endpoint.
- C. The REST API should be SSL enabled with a Salesforce client certificate.
- D. The order details should be passed in the body of the REST API callou

Answer: AD

NEW QUESTION 144

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 147

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 148

Universal Containers has a requirement to update the Salesforce Account object any time the corresponding account is updated within their financial system. Which three Salesforce capabilities should the Architect consider?

- A. Partner WSDL because of a requirement to utilize SOAP-based web services.
- B. Partner WSDL because of a requirement to dynamically inspect field names during runtime.
- C. Streaming API because of a requirement to dynamically inspect field names during runtime.
- D. Enterprise WSDL because of a requirement to utilize SOAP-based services
- E. Partner WSDL because of a requirement to utilize REST-based web services

Answer: ABD

NEW QUESTION 150

Universal Containers (UC) has an ERP application where all customer orders are stored. There are millions of customers order stored in the ERP application and a longtime customer may have thousands of individual orders. Additionally, some order information may house personally identifiable information that, due to company policy, can only be stored in ERP. UC 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 Salesforce Connect to display order information in Salesforce.
- B. Write an outbound message to receive orders from ERP system as they are created.
- C. Build a scheduled ETL job to sync all customer order history in the Orders object.
- D. Leverage the REST API to receive orders from the ERP system as they are create

Answer: A

NEW QUESTION 155

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 parot of a daily batch integration through the ETL tool. UC observed that may 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 156

Universal Containers would like to ensure that the server and client-side app's identity is mutually authenticated for all integrations. Which two of the integration patterns below support such authentication?

- A. Apex callout to the client-side app with the callout payload encrypted with custom Apex code.
- B. Outbound message received by client-side app that uses a Salesforce-provided client certificate.
- C. Apex callout with the client-side app that provides Salesforce with a CA-signed client certificate.
- D. Outbound message sent to a client-side app endpoint defined with a Per-User Named Credential

Answer: BC

NEW QUESTION 157

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 159

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