

Integration-Architecture-Designer Dumps

Salesforce Certified Integration Architecture Designer (SP19)

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NEW QUESTION 1

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 2

Universal Containers has just purchased large volume of contact data from an external vendor. The head of sales would like to use the new data set within the existing production org. The production org currently contains a large volume of contacts.
What should an Architect recommend to prevent data duplication in salesforce?

- A. Load the data into salesforce and then utilize the contact Duplicate Rule feature
- B. Utilize an off-platform de-duplication tool prior to loading.
- C. Create a de-duplication trigger before loading the data.
- D. Utilize a batch apex process to de-duplicate the data after loadin

Answer: B

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 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 5

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 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 has a customer setup process that relies on external database to send customers welcome & registration emails. When a customer contacts Universal containers via phone they need to receive the welcome email shortly following the conversation with the UC representative. Universal containers

representatives work exclusively in Salesforce and any new customer contacts are created in Salesforce by the representative. The external database exposes a SOAP API for integration with other applications.

What Salesforce technology best fulfills this requirement?

- A. Write a nightly batch synchronization to send customer information to the external database.
- B. Write an outbound message to send customer Information to an ESB.
- C. Write an outbound message to send customer Information to the external database.
- D. Write a trigger with an @future method to send customer Information to the external database

Answer: C

NEW QUESTION 8

Universal Containers would like to integrate to an external system from Salesforce over a secure channel however the external system does not support HTTP-basic authentication

What approach should an integration Architect recommend that enables the external system to trust the data being received?

- A. Digitally sign the Payload using a private key trusted by the external system
- B. Include a secret passphrase in the payload that is validated by the external system.
- C. Base64 encode the data to ensure untrusted 3rd parties don't see it.
- D. Utilize a 3rd-party SSO solution to authenticate the session

Answer: C

NEW QUESTION 9

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 a DMZ.
- B. Whitelist Salesforce IPs on the firewall.
- C. Utilize two-way (mutual) SSL
- D. Whitelist the corporate IPs in Salesforce

Answer: BC

NEW QUESTION 10

What capability should an Integration Architect consider if there is a need to synchronize data changed in Salesforce to a 3rd party with a JSON-based API endpoint?

- A. Use an outbound Message with the record's data.
- B. Use lightning connect to save the data to an external object.
- C. Use an Apex class to perform the REST callout asynchronously.
- D. Use the REST API with the content-Type headerset to "JSON."

Answer: C

NEW QUESTION 10

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 15

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 19

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 20

A system at Universal Containers needs to retrieve opportunity details(including line items and opportunity learn) and then update the opportunity with new information in real time, as one atomic operation.

What approach should an architect recommend that conserves API limits?

- A. Use a publisher action to update the data and callback to the other system.
- B. Use the generic streaming API to publish changes and listen for updates.
- C. Use the SOAP API to upsert the dat
- D. The API will then return all opportunity details.
- E. Use a custom Apex class with a webservice method that performs both actions.

Answer: D

NEW QUESTION 25

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 checkagainst MD

Answer: A

NEW QUESTION 30

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 job 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 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 searchless 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 33

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 34

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 36

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 38

Universal Containers is planning to use Bulk API instead of SOAP API to load 1 million activity records from Accounts, Opportunities, and Cases. Which are two advantages of using Bulk API over SOAP API?

- A. Bulk API needs fewer network round trips to complete the data load.
- B. Bulk API doesn't need a login to Salesforce and can process data offline.
- C. Bulk API doesn't need XML processing and can send data using CSV.
- D. Bulk API needs Partner WSDL, whereas SOAP API needs Enterprise WSDL.

Answer: AC

NEW QUESTION 40

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 42

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 callout.

Answer: B

NEW QUESTION 47

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 minutes.

Answer: B

NEW QUESTION 50

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 Salesforce.

Answer: ADE

NEW QUESTION 52

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 54

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 59

Universal Containers (UC) has third-party MDM database which is responsible for maintaining the data for Customer and Contacts information for its organization. UC wants to keep this information up-to-date in Salesforce so that the information is as current as possible. UC wants to provide bidirectional synchronization of the data between the MDM and Salesforce.

What is the recommended approach to solving this problem?

- A. Create a VisualForce page for Accounts/Contacts that will pull the data from MDM, display it, and send any changes from Salesforce.
- B. Implement a third-party middleware tool to maintain the synchronization between Salesforce and the MDM database as they occur.
- C. Create a Batch process that runs every 5 minutes to pull the changes from MDM and any updates from Salesforce.
- D. Modify the MDM database application to send and receive updates to and from Salesforce via REST or SOAP as they occur.

Answer: B

NEW QUESTION 64

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 callout

Answer: AD

NEW QUESTION 65

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 68

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 71

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 73

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 standardizatio

Answer: A

NEW QUESTION 76

Universal Containers (UC) has many existing applications, including Salesforce, that their users access. UC would like to integrate these applications with Salesforce so that users can accomplish all of their tasks in one user interface. What is the recommended solution for integrating these applications into Salesforce?

- A. Set up the external applications as Connected apps into the Salesforce user interface.
- B. Use streaming API to integrate these applications into the Salesforce user interface.
- C. Set up the external applications as Canvas apps into the Salesforce user interface.
- D. Connect the external applications into the Salesforce user interface using Salesforce Connec

Answer: C

NEW QUESTION 79

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 Continuatio

Answer: AC

NEW QUESTION 81

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