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QUESTION 1

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 relationships.

Correct Answer: D

QUESTION 2

When user clicks Check Preferences as part of a Lightning flow in Salesforce, preferences from an externally hosted RESTful service are to be checked in real-time. The RESTful service has OpenAPI 2.0 JSON definitions, responding in data types of Boolean and string values. Which integration pattern and mechanism should be selected to meet the conditions?

- A. Fire and Forget: Process-driven platform events publishes events on Salesforce Event Bus.
- B. Remote Call-In: Salesforce REST API with REST Composite Resources.
- C. Request-Reply: Enhanced External Services invokes a REST API.
- D. Data Virtualization: Salesforce Connect map data external REST data in external objects.

Correct Answer: C

QUESTION 3

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.

Correct Answer: C

QUESTION 4

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 opportunities.

Correct Answer: C

QUESTION 5

Universal Containers has used Outbound Messaging to integrate with their billing system. Their billing system has frequent outages that don't last more than a couple of hours.

Which two aspects of Outbound Messaging might the customer experience issues with as a result of these outages?

Choose 2 answers

- A. Out-of-order delivery.
- B. Duplicate messages
- C. Orphaned Requests
- D. Exceeding Governor Limits.

Correct Answer: BD

QUESTION 6

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.

Correct Answer: C

QUESTION 7

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. Insecure storage of the credentials may result in hackers gaining unauthorized access to Salesforce.

Correct Answer: AD

QUESTION 8

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.

Correct Answer: BCD

QUESTION 9

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
- 3.The use of custom development Should be minimized Which two solutions should the architect consider?

Choose two options

- A. Utilize lightning connect with custom ApexAdapter to provided CRUD access to the data warehouse
- B. Utilize a canvas application to render the data warehouse data from within Salesforce
- C. Utilize a visual force page from 3rd party JavaScript library that will provide CRUD capabilities to the data warehouse.
- D. Utilize a 3rd party tool from the App-Exchange that will provide CRUD capabilities between the data warehouse and salesforce

Correct Answer: AB

QUESTION 10

Northern Trail Outfitters has recently experienced intermittent network outages in its call center. When network service resumes, Sales representatives have inadvertently created duplicate orders in the manufacturing system because the order was placed but the return acknowledgement was lost during the outage. Which solution should an architect recommend to avoid duplicate order booking?

- A. Use Outbound Messaging to ensure manufacturing acknowledges receipt of order.
- B. Use scheduled apex to query manufacturing system for potential duplicate or missing orders.
- C. Implement idempotent design and have Sales Representatives retry order(s) in question.
- D. Have scheduled Apex resubmit orders that do not have a successful response.

Correct Answer: A

QUESTION 11

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

Which approach ensures compliance with the principal of least privilege?

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

Correct Answer: C

QUESTION 12

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

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

Choose 3 answers

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

Correct Answer: ABE

QUESTION 13

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

Correct Answer: C

QUESTION 14

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.

Correct Answer: B

QUESTION 15

A global financial company sells financial products and services that include the following:

1.

Bank Accounts

2.

Loans

3.

Insurance The company has a core banking system that is state of the art and is the master system to store financial transactions, financial products and customer information. The core banking system currently processes 10M financial transactions per day. The CTO for the company is considering building a community port so

that customers can review their bank account details, update their information and review their account financial transactions.

What should an integration architect recommend as a solution to enable customer community users to view their financial transactions?

- A. Use Salesforce Connect to display the financial transactions as an external object.
- B. Use Salesforce Connect to display the financial transactions as an external object.
- C. Use Salesforce External Service to display financial transactions in a community lightning page.
- D. Use Iframe to display core banking financial transactions data in the customer community.

Correct Answer: C

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