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?

Use standard SOAP API for data cleaning and standardization

Use a custom REST service for data cleaning and standardization

Use staging tables with an ETL tool for data cleaning and standardization

Use a custom SOAP service for data cleaning and standardization

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

Use an Outbound Message with the record's data

Use the REST API with the Content -Type header set to "JSON"

Use Lightning Connect to save the data to an external object.

Use an Apex class to perform the REST Callout asynchronou

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**Universal Containers leverages Sales Cloud as their sales platform. For every opportunity, three back-office 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?**



Message-oriented Middleware



Salesforce Continuation



Salesforce Outbound Messaging



Integration Middleware

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**What are three capabilities of Salesforce outbound messaging? Choose 3 answers**

Build integration components without the use of Apex

Provide a session ID as part of the outbound message

Define a WSDL based upon 2 objects related via Master-Detail relationship

Repeatedly send a SOAP notification for up to 24 hours until an acknowledgement is received

Universal Containers is migrating to Salesforce from a legacy system with existing SMTP-based integrations. What Salesforce Platform capability should an Integration Architect consider?

Lightning Connect with an oData/SMTP interchange

Custom Apex class with webservice methods that implement the SMTP protocol

Custom InboundEmailHandler to process the messages

Lightning Connect with an oData/SMTP interchange

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?

Workflow-initiated Apex to gather additional information from Salesforce and make a sync callout to the quote engine

A scheduled batch Apex to gather additional information from Salesforce and make a sync callout to the quote engine

Workflow-initiated outbound message with a callback to gather additional information from Salesforce

Workflow-initiated alert to the Sales Rep, who will submit a request from a custom controller in a Visualforce page

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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?

UI Update Based on Data Changes

Fire and Forget

Remote Call-In

Request and Reply

**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?**

Enterprise WSDL because of a requirement to utilize SOAP-based services

Partner WSDL because of a requirement to utilize SOAP-based web services

Partner WSDL because of a requirement to utilize REST-based web services

Streaming API because of a requirement to dynamically inspect field names during runtime

Partner WSDL because of a requirement to dynamically inspect field names during runtime

Universal Containers requires Salesforce to send expense data to an accounting system. Each user has their own username/password credential to access the account system via integration. What is a recommended option for an integration approach from a security perspective?



Fire outbound messages to a middleware that stores the credentials instead of an Apex callout



Set up a Named-Principal Named Credential and have the administrator set up the username/password



Use hierarchical custom settings to store the username/password allowing the Apex callout to read it



Set up a Per-User Named Credential and have the users each set up their username/password

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

Store the username/hashed password in a private Static Resource, allowing the Apex callout to read it

Fire outbound messages to a middleware that stores the credentials instead of an Apex callout

Set up a Named Credential with a Named Principal Identity Type allowing the Apex callout to use it

Use custom settings to store the username and password allowing the Apex callout to read it

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?

Make an @future callout to MDM from a trigger with page refresh using Action region

Make a synchronous callout from VF page controller with page refresh using Action region

Make a continuation callout from VF page controller with page refresh using Action poller

Make an asynchronous callout from VF page controller with page refresh using Action region

**What are three capabilities of the Bulk API? Choose 3 answerss**

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?

Use Cross-Org adapter for Salesforce Connect to provide access to products as external objects

Use Salesforce Connect with oData to provide access to products as external objects

Use Heroku Connect to provide access to products as external objects from other orgs

Use Apex HTTP Callouts to call Salesforce Rest APIs and provide access restrictions within the Apex class

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 must 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?

An ETL job to leverage SOAP API to extract all opportunities

An ETL job to leverage Bulk API to extract modified opportunities

An ETL job to leverage SOAP API to extract modified opportunities

An ETL job to leverage REST API to extract all opportunities

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?

Invoke a continuation callout to MDM from a VF Page JavaScript

Invoke a continuation callout to MDM from a VF Page @future call

Invoke a continuation callout to MDM from a before insert trigger

Invoke a continuation callout to MDM from a VF Page controller

**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?**

Customer wants the ability to query external data using Global Search and reports

Customer wants to create a master-detail relationship between Opportunity and the external object

Customer does not want real-time access to the ERP data and is willing to wait for hourly refreshes

Customer has a large amount of data that they do not want to load into Salesforce

Customer needs to query small amounts of data at any time and display using a related list

**contract-first integration**

**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?**

Use a REST API callback to update the Opportunity record with the product usage data from the remote system

Generate a partner WSDL in Salesforce and provide it to the remote system to create a client stub

Create a Process Builder outbound message during Opportunity creation and provide the Opportunity ID and Session ID to the remote system

Create a Workflow outbound message during Opportunity creation and provide the Opportunity ID and Session ID to the remote system

Use a SOAP API callback to update the Opportunity record with the product usage data from the remote system

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?

Use Bulk API for a one-time migration and a SOAP API call-in for an incremental load

Use SOAP API for a one-time migration and a REST API call-in for an incremental load

Use Bulk API for a one-time migration and an Apex web service call-in for an incremental load

Use Bulk API for a one-time migration and a Bulk API call-in for an incremental load

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?

Export data from all sources into Excel and use Wave connector to import data

Use Wave data flow for Salesforce data and data from other sources

Wave Data flow for Salesforce data and Dell boomi for data from other sources

Dell boomi for data from Salesforce and data from other sources

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

Workflow Outbound message with an email notification on callback from SAP

Apex @ future callout from an update trigger with an opportunity page refresh using Streaming API

Workflow Outbound message with an email notification on acknowledgement from SAP

Apex callout from an update trigger with an opportunity page refresh using Streaming API

**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?**

Order information sent to the system via outbound message with session ID

Order information inserted or updated via Salesforce Connect: OData 2.0

Order information sent via a Visualforce page with an Apex callout

Order information sent via process builder via invocable method/future method callout

**What are two benefits an Integration Architect should consider when recommending web -to -lead? Choose 2 answers**

Web-to-Lead requests have their own limits separate from other APIs

Web-to-Lead can be utilized for Lead data migrations

Web-to-Lead can be used to deduplicate leads during integrations

Web-to-Lead is a simple way to capture responses to marketing landing pages

**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**

Leverage a third -party tool ETL with a dynamically changing SOQL query to retrieve Accounts updated within the last 24 hours

Leverage the REST API /sobjects/Account/updated URI to retrieve Account records updated within the last 24 hours

Leverage the Salesforce Data Replication API getUpdated() operation to retrieve Accounts records updated within the last 24 hours

Leverage the Enterprise WSDL getUpdated() operation to retrieve Account records updated within the last 24 hours

Leverage a time -based workflow action to trigger an account outbound message notification for all records updated within the last 24 hours

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?

The system is reaching daily limits of web service callouts. Create a ticket to Salesforce support to increase the limit

The system is reaching daily limits of @future calls. Replace the HTTP Callout with a Workflow Rule and Outbound messages

The system is reaching daily limits of @future calls. Remove @future annotation and call the web service directly from the trigger

The system is reaching daily limits of web service callouts. Batch web service callouts to stay under the limit

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?

Utilize a third-party ETL tool to synchronize the data from Salesforce to the Forecasting application using the Bulk API

Create a Submit to Forecast Button on the Order Page to send the data to the Web application via REST

Create an APEX trigger that makes the REST callout to the Forecasting application with the data when the deal closes

Configure an Outbound Message to send a SOAP call via a Workflow rule to the Forecasting application on close

**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 ensuring duplicate Orders are not created in Salesforce?**

Customize the Apex web service REST call to send a unique message ID to the ERP system

Use the upsert() function instead of create() to prevent the creation of unwanted duplicate records

Use a middleware tool to handle the responsibility for managing multiple duplicate calls

Use outbound messaging to send a unique message ID to the ERP system

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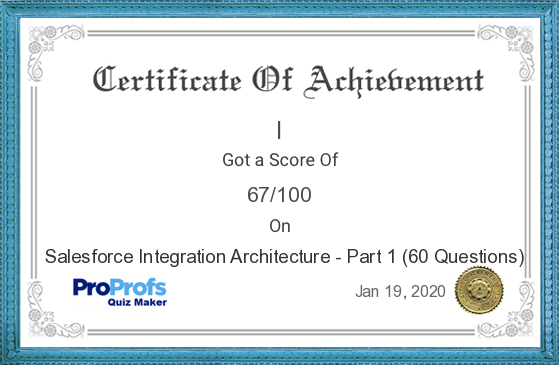
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