

Get Latest Jan-2024 Conduct effective penetration tests using Actualtests4sure Integration-Architecture-Designer [Q32-Q52]



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Salesforce Integration-Architecture-Designer certification is ideal for professionals who are responsible for designing and implementing integrations between Salesforce and other systems. This includes architects, designers, developers, and administrators who work with Salesforce and related technologies on a regular basis. Salesforce Certified Integration Architecture Designer certification is also valuable for consultants and project managers who need to understand the technical aspects of Salesforce integrations.

NO.32 Universal Containers is implementing Salesforce, including a new business process for order management. All Opportunities that reach the Close -Won stage need to be sent to an order management system. When this Opportunity is marked as Complete, a record must be created in their billing system. After the bill is processed, their billing system will be marked as Paid. Each status change from each system must be reflected in Salesforce so call center agents can answer questions about the status of a customer order. All system administrators have agreed to use recent Production data to seed their test systems. What types of sandbox should an Architect recommend end-to-end testing occur in? Choose 2 answers

- * Developer Pro Sandbox
- * Full Sandbox
- * Partial Copy Sandbox
- * Developer Org

NO.33 A large enterprise customer has decided to implement Salesforce as their CRM. The current system landscape includes the following:

1. An Enterprise Resource Planning (ERP) solution that is responsible for Customer Invoicing and Order fulfillment.
2. A Marketing solution they use for email campaigns.

The enterprise customer needs their sales and service associates to use Salesforce to view and log their interactions with customers and prospects in Salesforce.

Which system should be the System of record for their customers and prospects?

- * ERP with all prospect data from Marketing and Salesforce.
- * Marketing with all customer data from Salesforce and ERP.
- * Salesforce with relevant Marketing and ERP information.
- * New Custom Database for Customers and Prospects.

Explanation

<https://www.workfront.com/blog/systems-of-record>

NO.34 Universal learning (UC) is embarked on Salesforce transformation journey, UC will decommission the legacy CRM system and migrate data to Salesforce. The data migration team asked for a recommendation to optimize the performance of the data load to Salesforce.

Which approach should be used to meet the requirement?

- * Use Bulk API to process jobs in parallel mode.
- * Contact Salesforce support to schedule performance load.
- * Use Bulk API to process jobs in serial mode.
- * Use Bulk API to process jobs in high performance mode.

NO.35 Universal Containers (UC) 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. 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?

- * Leverage Salesforce Connect to display order information in Salesforce.
- * Write an outbound message to receive orders from ERP system as they are created.
- * Build a scheduled ETL job to sync all customer order history in the Orders object.
- * Leverage the REST API to receive orders from the ERP system as they are created.

NO.36 Northern Trail Outfitters is creating a distributable Salesforce package for other Salesforce orgs within the company. The package needs to call into a custom Apex REST endpoint in the central org. The security team wants to ensure a specific integration account is used in the central org that they will authorize after installation of the package.

Which three items should an architect recommend to secure the integration in the package? Choose 3 answers

- * Create an Auth provider in the package and set the consumer key and consumer secret of the connected app in the central org.
- * Contact Salesforesupport and create a case to temporarily enable API access for managed packages.
- * Create a connected app in the central org and add the callback URL of each org the package is installed in to redirect to after successful authentication.
- * Use an encryptedfield to store the password that the security team enters and use password management for external orgs and set the encryption method to TLS 1.2.
- * Use the Auth Provider configured and select the identity type as Named Principal with OAuth 2.0 as the protocol and Select Start Authentication Flow on Save.

NO.37 A company in a heavily regulated industry requires data in legacy systems to be displayed in Salesforce user interfaces (UIs). They are proficient in their cloud-based ETL (extract, transform, load) tools. They expose APIs built on their on-premise middleware to cloud and on-premise applications.

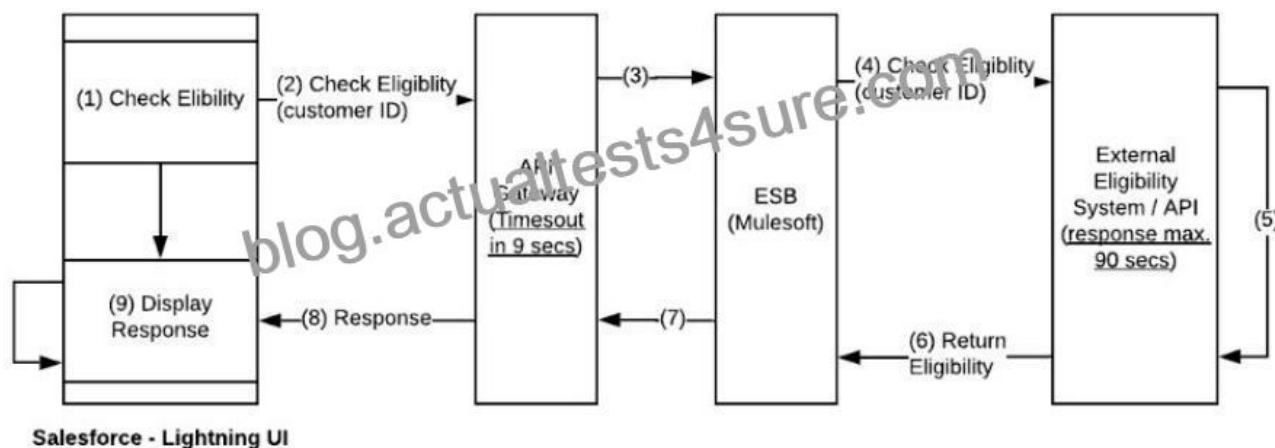
Which two findings about their current state will allow copies of legacy data in Salesforce?

Choose 2 answers

- * Only on-premise systems are allowed access to legacy systems.
- * Cloud-based ETL can access Salesforce and supports queues.
- * On-premise middleware provides APIs to legacy systems data.
- * Legacy systems can use queues for on-premise integration.

NO.38 An enterprise architect has requested the Salesforce Integration architect to review the following (see diagram

& description) and provide recommendations after carefully considering all constraints of the enterprise systems and Salesforce platform limits.



* About 3,000 phone sales agents use a Salesforce Lightning UI concurrently to check eligibility of a customer for a qualifying offer.

* There are multiple eligibility systems that provides this service and are hosted externally. However, their current response times could take up to 90 seconds to process and return (there are discussions to reduce the response times in future, but no commitments are made).

* These eligibility systems can be accessed through APIs orchestrated via ESB (MuleSoft).

* All requests from Salesforce will have to traverse through customer's API Gateway layer and the API Gateway imposes a constraint of timing out requests after 9 seconds.

Which three recommendations should be made?

Choose 3 answers

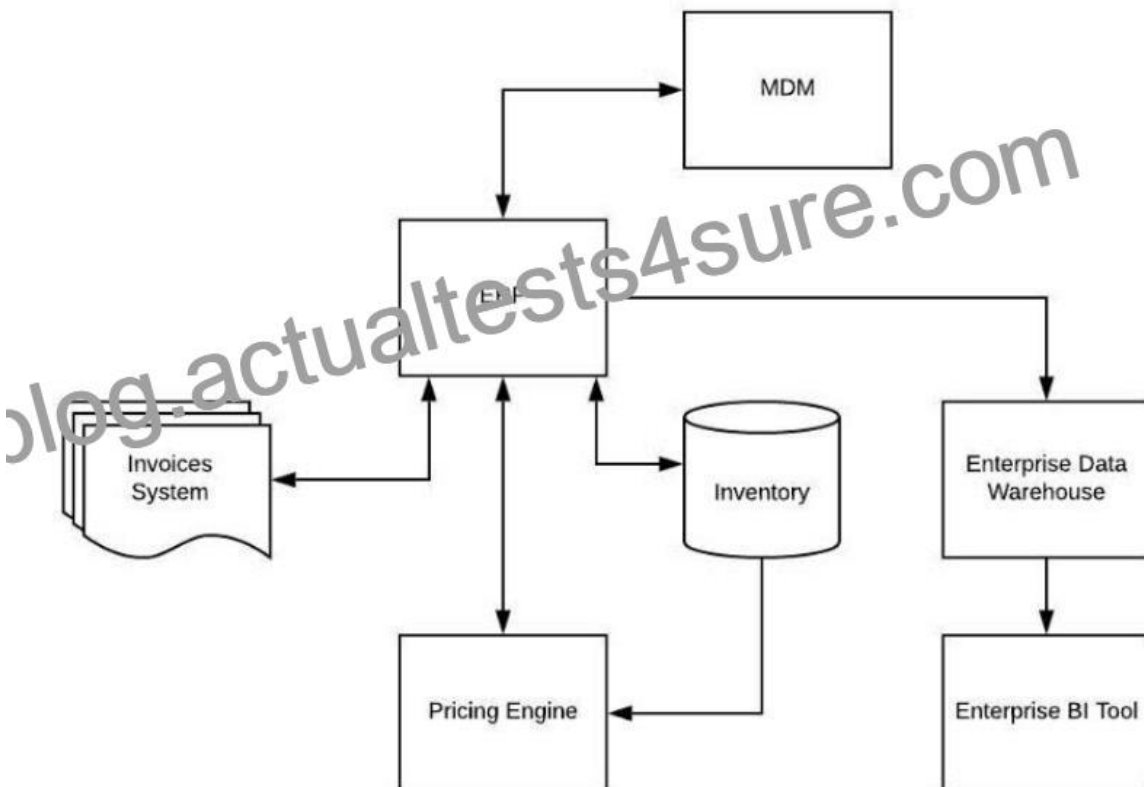
- * ESB (Mule) with cache/state management to return a requestID (or) response if available from external system.
- * Recommend synchronous Apex call-outs from Lightning UI to External Systems via Mule and implement polling on API gateway timeout.
- * Use Continuation callouts to make the eligibility check request from Salesforce from Lightning UI at page load.
- * When responses are received by Mule, create a Platform Event in Salesforce via Remote-Call-In and use the empAPI in the lightning UI to serve 3,000 concurrent users.
- * Implement a 'Check Update' button that passes a requestID received from ESB (user action needed).

NO.39 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 staging tables with an ETL tool for data cleaning and standardization.
- * Use a custom REST service for data cleaning and standardization.
- * Use a custom SOAP service for data cleaning and standardization.
- * Use standard SOAP API for data cleaning and standardization.

NO.40 A large enterprise customer with the following system landscape is planning to implement Salesforce Sales Cloud.



The following business processes need to be supported in Salesforce:

1. Sales Consultants should be able to have access to current inventory.
2. Enterprise Resource Planning System(ERP) is the system of record for pricing information.
3. Quotes should be generated in Salesforce with pricing from ERP.
4. Sales Management uses a Enterprise Business Intelligence (BI) tool to view Sales dashboards.
5. Master Data Management (MDM) is the system of record for customers and prospects.
6. Invoices should be accessible in Salesforce.

Which systems in the landscape should the Integration Consultant consider to be integrated with Salesforce to support the business requirements?

- * ERP, Invoices system, Data Warehouse and BI Tool
- * ERP, Inventory, Pricing Engine, Invoices system
- * ERP, MDM, BI tool and Data Warehouse
- * ERP, MDM, Data Warehouse, Invoices system

NO.41 What are the two considerations of Apex REST services that an integration architect should keep in mind when building custom integrations?

Choose 2 answers

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

NO.42 A healthcare services company maintains a Patient Prescriptions System that has 50+ million records in a secure database. Their customer base and data set growing rapidly. They want to make sure that the following policies are enforced:

1. Identifiable patient prescriptions must exist only in their secure system's database and encrypted at rest.
2. Identifiable patient prescriptions must be made available only to people explicitly authorized in the Patient Prescriptions System assigned nurses and doctors, patient, and people explicitly the patient may authorize.
3. Must be available only to verified and pre-approved people or legal entities.

To enable this, the company provides the following capabilities:

1. One-time use identity tokens for patients, nurses, doctors, and other people that expire within a few minutes.
 2. Certificates for legal entities.
- . RESTful services.

The company has a Salesforce Community Cloud portal for patients, nurses, doctors, and other authorized people. A limited number of employees analyze de identified data in Einstein Analytics.

Which two capabilities should the integration architect require for the Community Cloud portal and Einstein Analytics?

Choose 2 answers

- * Identity token data storage
- * Bulk load for Einstein Analytics
- * Callouts to RESTful services
- * Encryption in transit and at rest

NO.43 A company needs to be able to send data from Salesforce to a home grown system behind a corporate firewall.

The data needs to be pushed only one way and doesn't need to be sent in real time. The average volume is 2 million records per day.

What should an integration architect consider when choosing the right option in building the integration between the external system and Salesforce?

- * Due to high volume of records, number of concurrent requests can hit the limit for the REST API call to external system.
- * Due to high volume of records, a third party integration tool is required to stage records off platform.
- * Due to high volume of records, the external system will need to use a BULK API Rest endpoint to connect to salesforce.
- * Due to high volume of records, salesforce will need to make a REST API call to external system.

NO.44 A conglomerate is designing a Lightning Web Component (LWC) to display transactions aggregated from different sources. Their current system landscape is as follows:

1. Transactions are created at any time through their various on-premise and cloud-based systems.
2. All necessary transactions are replicated to a custom Transaction object in Salesforce. It is updated periodically so it only has a subset of the necessary transactions between updates.
3. Middleware supports publish-subscribe interactions and provides RESTful Enterprise APIs that can retrieve transactions from on-premise and cloud-based systems.

The company wants to address a usability concern regarding incomplete data displayed on the LWC component. What should the Integration Architect specify so the LWC will be able to display all the required transactions?

- * Use the Continuation class to call the Enterprise APIs and then process the response in a callback method.
- * Let the Lightning Data Service with an wire adapter display new values when the custom object records change.
- * Call the Enterprise APIs directly from the LWC's JavaScript code and redisplay the LWC on receipt of the API response.
- * Publish a Platform Event, have the middleware subscribe and update the custom object on receipt of Platform Event.

NO.45 Universal Containers is using Sales Cloud with Order Capture. It has been integrated with an SAP system for Order fulfillment. The SAP system sends the Order status updates to Salesforce on a nightly basis. The SAP system tracks Order status more granularly than required by Salesforce.

Which two options should an Architect recommend to address different statuses in Salesforce and SAP?

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

NO.46 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?

- * The REST API should be SSLO enabled with a CA-signed certificate.
- * The order details should be passed in a URL parameter in the REST API endpoint.
- * The REST API should be SSL enabled with a Salesforce client certificate.
- * The order details should be passed in the body of the REST API callout.

NO.47 Universal Containers(UC) has a legacy application that tracks customer order status once the order has been sent to the fulfillment department this legacy application does not easily provide an API to integrate with Customer service reps need to be able to access the data from within Sales force and cannot be given separate logins to the application, UC does not have single-sign-on enabled.

How should an architect solve this problem?

- * Leverage canvas to display the legacy application within Salesforce.
- * use the Streaming API to receive order updates in real time.
- * Migrate the legacy application to Heroku and Integrate the database.
- * Create a web-tab in Salesforce directly to the legacy application.

NO.48 Northern Trail Outfitters has a registration system that is used for workshops offered at its conferences.

Attendees use a Salesforce community to register for workshops, but the scheduling system manages workshop availability based on room capacity. It is expected that there will be a big surge of requests for workshop reservations when the conference schedule goes live.

Which integration pattern should be used to manage the influx in registrations?

- * Remote Process Invocation-Fire and Forget
- * Remote Process Invocation-Request and Reply
- * Batch Data Synchronization
- * Remote Call-In

NO.49 A company needs to be able to send data from Salesforce to a home grown system behind a corporate firewall.

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What should an integration architect consider when choosing the right option in building the integration between the external system and Salesforce?

- * Due to high volume of records, number of concurrent requests can hit the limit for the REST API call to external system.
- * Due to high volume of records, a third party integration tool is required to stage records off platform.
- * Due to high volume of records, the external system will need to use a BULK API Rest endpoint to connect to salesforce.
- * Due to high volume of records, salesforce will need to make a REST API call to external system.

NO.50 Universal Containers acquires several companies and decides to consolidate all customer service systems used by the acquired companies into one Salesforce Service Cloud. They decide to use an ETL to extract service requests from various systems, apply appropriate transformations, and load cases into Salesforce. Different requests captured by different customer service systems could belong to common accounts in Salesforce, so care must be taken to avoid creating duplicate accounts. Which two API options should be considered to load cases into Salesforce that would be safe from record -locking issues? Choose 2 answers

- * Bulk API with parallel option and a batch size of 1000 or less
- * Bulk API with serial option and a batch size of 1000 or less
- * SOAP API with a batch size of 1000 or less
- * SOAP API with a batch size of 200 or less

NO.51 Universal Containers would like to display data from an external system inside of Salesforce, and has chosen not to enable lightning Experience. They do not need the data for any other purposes within Salesforce.

Which approach should an Integration Architect recommend that matches the Salesforce UI?

Choose 2 answers

- * An iFrame embedding a custom .Net application that displays data from the other systems.
- * A custom visualforce page with a controller that calls-out to the other systems.
- * A custom Visualforce page with client-side calls out to the other systems.
- * A middleware orchestration to continuously persist data from other systems into Salesforce.

NO.52 Universal Containers acquires planetary shipping and decides to migrate all customer contacts of planetary Shipping into Universal Containers Salesforce org. Due to the lack of a common unique identifier, they decide that a combination of first name, last name and street address could be used as a key to identify duplicate contacts. These three fields are populated on all contacts in both the systems.

Which two methods should be considered to load contacts into Universal Containers org and avoid creation of duplicate contacts?

Choose 2 answers

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

Tested Material Used To Integration-Architecture-Designer Test Engine:

<https://www.actualtests4sure.com/Integration-Architecture-Designer-test-questions.html>