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QUESTION 1

What Salesforce technology should an Integration Architect consider when needing to securely expose an external system User Interface from within the Salesforce UI and provide that system with information about the user?

- A. Visualforce
- B. Custom Web Tab
- C. Canvas
- D. Lightning Component

Correct Answer: C

QUESTION 2

Universal Containers has a call center that would like to have a dashboard that updates in real time and shows information about phone calls that have been completed today (recorded in the Activity object). There are several teams in the call center, and each dashboard should only show calls from that team. An employee can start the board each morning, but after that no further user interaction should be needed.

What is a recommended pattern that would minimize implementation time?

- A. Develop a Visualforce page that uses the Streaming API.
- B. Use Heroku to develop a dashboard page that uses the REST API.
- C. Use native Salesforce dashboard functionality
- D. Develop a Visualforce page that uses JavaScript Remoting.

Correct Answer: A

QUESTION 3

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.

Correct Answer: B

QUESTION 4

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 5

Northern Trail Outfitters (NTO) leverages Sales Cloud for tracking and managing leads, accounts, contacts, and opportunities- Orders and order fulfillment is taken care of by an Order Management System (OMS) in the back-office. When an opportunity has changed its status to "Closed/Won" and there are products attached, the details should be passed to the OMS for fulfillment operations. The callout from Salesforce to the OMS should be synchronous.

What should an Integration Architect do to satisfy these requirements?

- A. Write a trigger that invokes an Apex proxy class to make a REST callout to the Order Management System.
- B. Use Process Builder to call an Apex proxy class to make a REST callout to the Order Management System.
- C. Develop a batch Apex job that aggregates Closed Opportunities and makes a REST callout to the Order Management System hourly.
- D. Build a Lightning Component that makes a synchronous Apex REST callout to the Order Management System when a button is clicked.

Correct Answer: B

QUESTION 6

An architect decided to use Platform Events for integrating Salesforce with an external system for a company.

Which three things should an architect consider when proposing this type of integration mechanism? Choose 3 answers

- A. To subscribe to an event, the integration user in salesforce needs read access to the event entity.
- B. Salesforce needs to be able to store information about the external system in order to know which event to send out.
- C. External system needs to have the same uptime in order to be able to keep up with Salesforce Platform Events.

- D. To publish an event, the integration user in salesforce needs create permission on the event entity.
- E. Error handling must be performed by the remote service because the event is effectively handed off to the remote system for further processing.

Correct Answer: ADE

QUESTION 7

What should an integration Architect consider when building a visulaforce page that makes client-side callouts to multiple domains that may violate the browser's same-origin policy?

Choose 2 answers A. Setup CORS to whitelist all domains that the client scripts communicate with.

- B. utilize the canvas SDK to perform the callouts.
- C. Ensure each javascript resource communicates only with its origin.
- D. Set up Remote site settings for all domains that the client scripts communicate with.

Correct Answer: AD

QUESTION 8

Which tool would an architect likely leverage while diagnosing issues with an inbound RESTful integration to Salesforce?

- A. Workbench
- B. Data Loader
- C. Force.com SOAP Explorer
- D. Metadata audit trail

Correct Answer: A

QUESTION 9

Northern Trail Outfitters (NTO) has hired an Integration Architect to design the integrations between existing systems and a new instance of Salesforce. NTO has the following requirements:

1.

Initial load of 2M Accounts, 5.5M Contacts, 4.3M Opportunities, and 45k Products into the new org.

2.

Notification of new and updated Accounts and Contacts needs to be sent to 3 external systems.

3.

Expose custom business logic to 5 external applications in a highly secure manner.

4.

Schedule nightly automated dataflows, recipes and data syncs.

Which set of APIs are recommended in order to meet the requirements?

- A. Bulk API, Chatter REST API, Apex SOAP API, Tooling API
- B. Bulk API, Chatter REST API, Apex REST API, Analytics REST API
- C. Bulk API, Streaming API, Apex REST API, Analytics REST API
- D. Bulk API, Streaming API, Apex SOAP API, Analytics REST API

Correct Answer: C

QUESTION 10

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. Utilizelightning 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 11

Northern Trail Outfitters\\ ERP is integrated with Salesforce and syncs several million contacts per day. To prevent specific data from syncing, the integration uses a SOQL query filtered by sharing hierarchy.

Which two things should an architect do to improve the performance of the integration? Choose 2 answers

- A. Include non-selective criteria in query filters.

- B. Remove the query filters.
- C. Include selective criteria in query filters.
- D. Remove the sharing restrictions.

Correct Answer: CD

QUESTION 12

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 created.

Correct Answer: A

QUESTION 13

Northern Trail Outfitters (NTO) use Salesforce to track leads, opportunities, and to capture order details. However, Salesforce isn't the system that holds or processes orders. After the order details are captured in Salesforce, an order must be created in the remote system, which manages the orders lifecycle. The Integration Architect for the project is recommending a remote system that will subscribe to the platform event defined in Salesforce.

Which integration pattern should be used for this business use case?

- A. Remote Call In
- B. Request and Reply
- C. Fire and Forget
- D. Batch Data Synchronization

Correct Answer: C

QUESTION 14

Northern Trail Outfitters needs to use Shield Platform Encryption to encrypt social security numbers in order to meet a business requirement. Which two considerations should an Integration Architect do prior to the implementation of Shield Platform Encryption? Choose 2 answers

- A. Encrypt the data using the most current key.
- B. Review shield platform encryption configurations.
- C. Encrypt all the data so that it is secure.
- D. Use Shield Platform Encryption as a user authentication or authorization tool.

Correct Answer: AB

QUESTION 15

Northern Trail Outfitters wants to improve the quality of call-outs from Salesforce to their REST APIs. For this purpose, they will require all API clients/consumers to adhere to RESTAPI Markup Language (RAML) specifications that include field-level definition of every API request and response payload. RAML specs serve as interface contracts that Apex REST API Clients can rely on.

Which two design specifications should the Integration Architect include in the integration architecture to ensure that Apex REST API Clients unit tests confirm adherence to the RAML specs? Choose 2 answers

- A. Call the Apex REST API Clients in a test context to get the mock response.
- B. Require the Apex REST API Clients to implement the HttpCalloutMock.
- C. Call the HttpCalloutMock implementation from the Apex REST API Clients.
- D. Implement HttpCalloutMock to return responses per RAML specification.

Correct Answer: AD

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