

100% Pass 2026 Salesforce Plat-Arch-204: Perfect New Salesforce Certified Platform Integration Architect Test Pattern



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Salesforce Plat-Arch-204 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> • Maintain Integration: This domain focuses on monitoring integration performance, defining error handling and recovery procedures, implementing escalation processes, and establishing reporting needs for ongoing integration health monitoring.
Topic 2	<ul style="list-style-type: none"> • Evaluate the Current System Landscape: This domain covers analyzing existing technical environments to understand current systems, their standards, protocols, limitations, and boundaries, while identifying constraints and authentication • authorization requirements.
Topic 3	<ul style="list-style-type: none"> • Evaluate Business Needs: This domain addresses gathering functional and non-functional requirements, classifying data by sensitivity, identifying CRM success factors, and understanding how business growth and regulations impact integration choices.
Topic 4	<ul style="list-style-type: none"> • Translate Needs to Integration Requirements: This domain involves converting business needs into technical specifications by documenting systems and patterns, evaluating constraints, defining security requirements, and determining performance needs like volumes, response times, and latency.
Topic 5	<ul style="list-style-type: none"> • Design Integration Solutions: This domain centers on selecting integration patterns, designing complete solutions with appropriate components, understanding trade-offs and limitations, choosing correct Salesforce APIs, and determining required standards and security mechanisms.

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Salesforce Certified Platform Integration Architect Sample Questions (Q112-Q117):

NEW QUESTION # 112

Northern Trail Outfitters (NTO) has recently changed its Corporate Security Guidelines. The guidelines require that all cloud applications pass through a secure firewall before accessing on-premise resources. NTO is evaluating middleware solutions to integrate cloud applications with on-premise resources and services. Which consideration should an integration architect evaluate before choosing a middleware solution?

- A. The middleware solution is able to interface directly with databases via an5 Open Database Connectivity (ODBC) connection string.
- B. The middleware solution enforces the OAuth security protocol.
- C. An API Gateway component is deployable behind a Demilitarized Zone (DMZ) or perimeter network.

Answer: C

Explanation:

In modern enterprise architecture, securing the boundary between cloud environments like Salesforce and on-premise data centers is a critical responsibility of the Integration Architect. When Corporate Security Guidelines mandate that all traffic must pass through a secure firewall, the architecture must support a Demilitarized Zone (DMZ) or "Perimeter Network" strategy.

An API Gateway or a specialized middleware connector acts as the "front door" for these on-premise resources. The architect must evaluate whether the chosen middleware solution supports a distributed deployment model where the gateway component can reside within the DMZ. This setup allows the organization to terminate external (cloud) connections in a hardened environment before the traffic is inspected and proxied to the internal, trusted network.

While supporting OAuth (Option C) is essential for modern authentication, it does not satisfy the specific network-level firewall requirement described. Similarly, ODBC connections (Option B) are low-level database protocols that usually operate deep within the internal network and would typically be considered a security risk if exposed directly to a firewall.

By ensuring the middleware has an architecturally compatible gateway for the DMZ, the architect provides a solution that allows for deep packet inspection, IP whitelisting, and rate limiting at the edge of the corporate network. This approach aligns with the "Defense in Depth" principle, ensuring that Salesforce can securely communicate with legacy systems (like SAP or internal databases) without exposing those systems directly to the public internet, thereby satisfying the new Corporate Security Guidelines.

NEW QUESTION # 113

Considering Salesforce capabilities, what should the integration architect evaluate when integrating Salesforce with the current system landscape?

- A. Integrate Salesforce with Email Management System, Order Management System and Case Management System.
- B. Integrate Salesforce with Order Management System, Data Warehouse and Case Management System.
- C. Integrate Salesforce with Data Warehouse, Order Management and Email Management System.

Answer: C

Explanation:

When evaluating a current system landscape for a Salesforce implementation, an Integration Architect's primary goal is to align the platform's native capabilities with the existing architecture to determine which systems will be replaced, retired, or integrated. Based on the provided diagram (image_69c0fd.png), the landscape consists of an Email Management System, an Order Management System, a Case Management System, and a Data Warehouse used for Business Intelligence.

In a scenario where an enterprise is implementing Salesforce to support Case Management (Service Cloud), Salesforce natively provides the robust capabilities required to serve as the new "System of Record" for customer support interactions. Consequently, the legacy Case Management System is typically targeted for retirement. The architect's evaluation therefore focuses on the necessary integration points with the systems that will coexist with the new Salesforce instance to ensure a unified agent experience.

As outlined in standard Salesforce Integration Architecture frameworks, the following evaluations are critical:

Order Management System (OMS): Salesforce must integrate with the OMS so that service agents can view real-time order history, shipping status, and line items directly within the Case record, often using patterns like Request-Reply or Data Virtualization.

Email Management System (EMS): To support Omni-Channel service, Salesforce needs to integrate with the EMS (via Email-to-Case or a Marketing Cloud connector) to ensure that all customer communications are captured and tracked against the appropriate Case records.

Data Warehouse: For long-term historical reporting and cross-functional analytics, Salesforce must push its transactional data to the enterprise Data Warehouse. This ensures the Analytics and Business Intelligence Tool can continue to provide a holistic view of company performance.

By selecting Option C, the architect recognizes that Salesforce replaces the legacy case management function while requiring strategic integration with the Data Warehouse, Order Management, and Email Management systems to achieve a true 360-degree view of the customer.

NEW QUESTION # 114

Northern Trail Outfitters has recently implemented middleware for orchestration of services across platforms. The Enterprise Resource Planning (ERP) system being used requires transactions be captured near real-time at a REST endpoint initiated in Salesforce when creating an Order object. Additionally, the Salesforce team has limited development resources and requires a low-code solution. Which option should fulfill the use case requirements?

- A. Implement a Workflow Rule with Outbound Messaging to send SOAP messages to the designated endpoint.
- **B. Use Remote Process Invocation Fire and Forget pattern on insert on the Order object using Flow Builder.**
- C. Implement Change Data Capture on the Order object and leverage the replay ID in the middleware solution.

Answer: B

Explanation:

To satisfy a requirement for near real-time updates to an ERP system while adhering to a low-code constraint, the architect must leverage Salesforce's modern declarative automation tools. The goal is to initiate an outbound signal that the existing middleware can then orchestrate and deliver to the ERP's REST endpoint.

The Remote Process Invocation-Fire and Forget pattern is perfectly suited for this scenario. In this pattern, Salesforce sends a message to an external system and does not wait for a functional response. This is ideal for "capturing" transactions in an ERP where the primary goal is record synchronization rather than a real-time calculation return. By using Flow Builder, the team can implement a record-triggered flow on the Order object. This flow can be configured to execute "Actions" that send data to the middleware via External Services or standard HTTP Callouts (Beta/GA features in modern Flow), which requires zero Apex coding.

Option B, Outbound Messaging, is a legacy declarative tool that is highly reliable but has a significant limitation: it natively sends messages in SOAP format. Since the requirement specifically specifies a REST endpoint, using Outbound Messaging would require additional transformation logic in the middleware, making it a less direct architectural fit than a modern Flow-based REST call.

Option C, Change Data Capture (CDC), is a highly scalable, event-driven mechanism, but it is typically considered more complex to implement and maintain. It requires the middleware to manage "Replay IDs" and subscribe to a streaming channel, which often requires more specialized development effort on the middleware side compared to a simple HTTP POST from a Flow. For a team with limited development resources, Flow Builder provides the most accessible and maintainable path to achieving near real-time integration.

NEW QUESTION # 115

Universal Containers (UC) is planning to implement Salesforce as its CRM system. Currently, UC has the following systems:

Leads are managed in a Marketing system.

Sales people use Microsoft Outlook to enter contacts and emails, and manage activities.

Inventory, Billing, and Payments are managed in UC's Enterprise Resource Planning (ERP) system.

The proposed CRM system is expected to provide sales and support people with a single view of their customers and the ability to manage their contacts, emails, and activities in the Salesforce CRM.

What should an integration architect consider to support the proposed CRM system strategy?

- **A. Evaluate current and future data and system usage, and then identify potential integration requirements to Salesforce.**
- B. Propose a middleware system that can support interface between systems with Salesforce.
- C. Explore out-of-the-box Salesforce connectors for integration with ERP, Marketing, and Microsoft Outlook.

Answer: A

Explanation:

The foundational step for any complex CRM transformation is the discovery and evaluation phase. Before selecting specific tools, connectors, or middleware, an Integration Architect must first understand the business context and data landscape of the organization. Universal Containers has data fragmented across three distinct silos: Marketing, Outlook, and an ERP. To achieve a "single view of the customer," the architect must evaluate how these systems are currently used and how they need to interact with Salesforce in the future.

Evaluating data and system usage allows the architect to define critical integration requirements:

Mastery and Ownership: Identifying which system is the "System of Record" (SoR) for leads, contacts, and financial data. For example, do leads convert in Salesforce and then push to the ERP, or does the Marketing system maintain control until a certain lifecycle stage?

Volume and Latency: Determining if Outlook sync needs to be real-time or if nightly batch updates from the ERP are sufficient.

Transformation Needs: Understanding the complexity of mapping ERP billing structures to Salesforce Account and Opportunity objects.

While exploring connectors (Option C) and middleware (Option B) are essential implementation steps, they are secondary to the initial evaluation. Proposing a technical solution before identifying the actual requirements risks building a system that is either over-engineered or missing key business functionality. By prioritizing the evaluation of data usage, the architect ensures that the resulting integration architecture is scalable, cost-effective, and directly supports the strategic goal of providing a unified customer view.

NEW QUESTION # 116

Northern Trail Outfitters (NTO) wants to improve the quality of callouts from Salesforce to its REST APIs by adhering to RAML (REST API Markup Language) specifications. The RAML specs serve as interface contracts. Which design specification should the integration architect include to ensure that Apex REST API Clients' unit tests confirm adherence to the RAML specs?

- A. Require the Apex REST API Clients to implement the `HttpCalloutMock`.
- B. Call the Apex REST API Clients in a test context to get the mock response.
- C. Call the `HttpCalloutMock` implementation from the Apex REST API Clients.

Answer: A

Explanation:

In Salesforce, you cannot perform real HTTP callouts during unit tests. To test integration logic, developers must use the `HttpCalloutMock` interface to simulate the API's response. To ensure that the Apex code adheres to the RAML contract, the architect should require that the test mock implementation strictly follows the RAML specifications.

By requiring the Apex REST API Clients to implement the `HttpCalloutMock` (or more specifically, creating a mock class that implements it), the developer creates a controlled testing environment. The mock class should be coded to return a payload that matches the RAML-defined structure (fields, data types, and status codes). When the test runs, the Apex client receives this "contract-compliant" response. The unit test then uses assertions to verify that the Apex code correctly parses and handles this specific data structure.

Option B is technically imprecise; you don't "call" the mock from the client, you provide the mock to the test runtime using `Test.setMock()`. Option C describes the general process of testing but does not address the "design specification" needed to ensure contract adherence. By mandating a mock implementation that mirrors the RAML contract, the architect ensures that if the API contract changes in the RAML file, the unit tests will fail if the Apex code is not updated to match, thereby maintaining high integration quality and preventing runtime errors.

NEW QUESTION # 117

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