

Integration Architecture



Die Salesforce Integration-Architect (Salesforce Certified Integration Architect) Schulungsunterlagen von Zertprüfungen sind den echten Prüfungen ähnlich. Durch die kurze Sonderausbildung können Sie schnell die Fachkenntnisse beherrschen und sich gut auf die Salesforce Integration-Architect (Salesforce Certified Integration Architect) Prüfung vorbereiten. Wir versprechen, dass wir alles tun würden, um Ihnen beim Bestehen der Salesforce Integration-Architect Zertifizierungsprüfung helfen.

Salesforce Integration ist der Prozess der Verbindung verschiedener Systeme und Anwendungen mit Salesforce für die nahtlose Datenübertragung. Die Salesforce Integration Architect Certification ist für Fachleute bestimmt, die Erfahrung im Entwerfen und Aufbau skalierbarer, effizienter und zuverlässiger Integrationen in die Salesforce -Plattform haben. Die Salesforce Integration Architect-Zertifizierung ist eine der angesehensten und gesuchten Zertifizierungen im Salesforce-Ökosystem

Die Salesforce Integration-Architect (Salesforce Certified Integration Architect) ist eine Zertifizierungsprüfung auf fortgeschrittener Ebene für Fachkräfte, die sich auf die Integration verschiedener Systeme und Technologien mit der Salesforce-Plattform spezialisiert haben. Diese Zertifizierung richtet sich an erfahrene Architekten, die ein tiefes Verständnis der Integrationsfunktionen von Salesforce haben und komplexe Integrationslösungen entwerfen und implementieren können.

Salesforce Certified Integration Architect Integration-Architect

Prüfungsfragen mit Lösungen (Q94-Q99):

94. Frage

Salesforce users need to read data from an external system via HTTPS request.

Which two security methods should an integration architect leverage within Salesforce to secure the integration?

Choose 2 answers

- A. Named Credentials
- B. Authorization Provider
- C. Connected App
- D. Two-way SSL

Antwort: A,D

Begründung:

Named Credentials and Two way SSL are two security methods that an integration architect can leverage within Salesforce to secure the integration with an external system via HTTPS request. Named Credentials are a type of metadata that store authentication settings for accessing external services. They allow you to specify the URL of a service, the authentication protocol, and the credentials for accessing the service. Two way SSL is a type of mutual authentication that requires both the client and the server to present their certificates to each other. This ensures that both parties are who they claim to be, and that the communication is encrypted. Two way SSL can be configured in Salesforce by uploading a certificate and a private key, and associating them with a named credential. References: Certification - Integration Architect - Trailhead, [Named Credentials], [Mutual Authentication]

95. Frage

An integration developer is developing an HR synchronization app for a client. The app synchronizes Salesforce record data changes with an HR system that's external to Salesforce. What should the integration architect recommend to ensure notifications are stored for up to 3 days if data replication fails?

- A. Outbound Message
- B. Callouts
- C. Change Data Capture

Antwort: C

Begründung:

For HR synchronization requiring high reliability and a multi-day data retention window, Change Data Capture (CDC) is the optimal architectural choice. CDC is an event-driven integration framework that automatically publishes change events for Salesforce records (Create, Update, Delete, and Undelete). A critical feature of CDC for failure recovery is its 72-hour (3-day) retention window. If the external HR system or the replication middleware experience downtime, the change events remain stored in the Salesforce event bus for up to three days. Once the HR system is back online, the subscriber can use the Replay ID of the last successfully processed event to retrieve all missed notifications from the bus, ensuring zero data loss during the outage. In contrast, Outbound Messaging (Option B) only provides a 24-hour retry window. If the target system is unavailable for more than one day, the notifications are dropped, making it unsuitable for a 3-day requirement. Callouts (Option C) are typically synchronous and do not have native, platform-managed storage or retry mechanisms for failed requests; once a callout fails, the data is lost unless a custom retry architecture is built. CDC's native, durable event bus provides the necessary scalability and resilience for critical HR data synchronization without requiring complex custom code for error handling and data recovery.

96. Frage

A company is planning on sending orders from Salesforce to a fulfillment system. The integration architect has been asked to plan for the integration.

Which two questions should the integration architect consider?

Choose 2 answers

- A. Can the fulfillment system implement a contract-first Outbound Messaging interface?
- B. Can the fulfillment system create new addresses within the Order Create service?
- C. Is the product catalog data identical at all times in both systems?

- D. Can the fulfillment system make a callback into Salesforce?

Antwort: A,D

Begründung:

The integration architect should consider whether the fulfillment system can make a callback into Salesforce and whether it can implement a contract-first Outbound Messaging interface. A callback is a way for the fulfillment system to send a response or an acknowledgment back to Salesforce after receiving an order¹. This can help ensure data consistency and reliability between the two systems. A contract-first Outbound Messaging interface is an approach where the integration is designed based on a predefined XML schema that defines the structure and content of the messages². This can help ensure interoperability and compatibility between the two systems. The other two questions are not relevant for the integration architect to consider. The fulfillment system does not need to create new addresses within the Order Create service, as this is a function of Salesforce³. The product catalog data does not need to be identical at all times in both systems, as long as there is a mapping or synchronization mechanism to handle any discrepancies.

97. Frage

Northern Trail Outfitters needs a synchronous callout from Salesforce to an Order Management System (OMS) when an opportunity is "Closed/Won" with products attached. What should an integration architect do to satisfy these requirements?

- A. Develop a batch Apex job that aggregates closed opportunities and makes a REST callout to the OMS hourly.
- B. Build a Lightning component that makes a synchronous Apex REST callout to the OMS when a button is clicked.
- C. Write a trigger that invokes an Apex proxy class to make a REST callout to the OMS.

Antwort: B

Begründung:

To satisfy a requirement for a synchronous callout triggered by a user action, the architect should use a UI-driven approach, such as a Lightning component and a button.

In Salesforce, triggers (Option B) are primarily used for asynchronous logic in integration contexts. Because a trigger executes as part of the database save operation, making a synchronous callout directly from a trigger is prohibited as it would block the database transaction until the external system responds, leading to performance degradation and "uncommitted work pending" errors. If a trigger must initiate an integration, it must do so asynchronously (using `@future` or `Queueable Apex`), which violates the requirement for a synchronous call.

By using a Lightning component, the architect can initiate a synchronous Request-and-Reply pattern. When the sales rep clicks the "Submit to OMS" button, the component invokes an Apex method that makes the REST callout to the OMS in real-time. The user remains on the page while the system waits for the OMS to respond, allowing for immediate feedback-such as an order confirmation number or an error message-to be displayed in the UI. A Batch Apex job (Option C) is inherently asynchronous and delayed, making it unsuitable for a synchronous, real-time fulfillment requirement.

98. Frage

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Antwort: A,D

Begründung:

Explanation

Named Credentials and Two way SSL are two security methods that an integration architect can leverage within Salesforce to secure the integration with an external system via HTTPS request. Named Credentials are a type of metadata that store authentication settings for accessing external services. They allow you to specify the URL of a service, the authentication protocol, and the credentials for accessing the service. Two way SSL is a type of mutual authentication that requires both the client and the server to present their certificates to each other. This ensures that both parties are who they claim to be, and that the communication is encrypted. Two way SSL can be configured in Salesforce by uploading a certificate and a private key, and associating them with a

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99. Frage

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Integration-Architect Testing Engine: https://www.zertpruefung.de/Integration-Architect_exam.html

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