

Plat-Arch-204 Exam Overviews - Plat-Arch-204 Valid Test Bootcamp



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Salesforce Plat-Arch-204 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">Build Solution: This domain covers implementing integrations including API design considerations, choosing outbound methods, building scalable solutions, implementing error handling, creating security solutions, and ensuring resilience during system updates.
Topic 2	<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.
Topic 3	<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.

>> Plat-Arch-204 Exam Overviews <<

Plat-Arch-204 Valid Test Bootcamp - Plat-Arch-204 Latest Dumps Questions

It is universally acknowledged that Salesforce certification can help present you as a good master of some knowledge in certain areas, and it also serves as an embodiment in showcasing one's personal skills. However, it is easier to say so than to actually get the Salesforce certification. We have to understand that not everyone is good at self-learning and self-discipline, and thus many people need outside help to cultivate good study habits, especially those who have trouble in following a timetable. To handle this, our Plat-Arch-204 test training will provide you with a well-rounded service so that you will not lag behind and finish your daily task step by step. At the same time, our Plat-Arch-204 study torrent will also save your time and energy in well-targeted learning as we are going to make everything done in order that you can stay focused in learning our Plat-Arch-204 study materials without worries behind. We are so honored and pleased to be able to read our detailed introduction and we will try our best to enable you a better understanding of our Plat-Arch-204 test training better.

Salesforce Certified Platform Integration Architect Sample Questions (Q108-Q113):

NEW QUESTION # 108

A customer imports data from an external system into Salesforce using Bulk API. These jobs have batch sizes of 2,000 and are run in parallel mode. The batches fail frequently with the error "Max CPU time exceeded". A smaller batch size will fix this error. What should be considered when using a smaller batch size?

- A. Smaller batch size may exceed the concurrent API request limits.
- **B. Smaller batch size may increase time required to execute bulk jobs.**
- C. Smaller batch size can trigger "Too many concurrent batches" error.

Answer: B

Explanation:

The Bulk API is designed to process massive datasets by breaking them into smaller batches that Salesforce processes asynchronously. When a batch fails with the "Max CPU time exceeded" error, it typically indicates that the complexity of the operations triggered by the record—such as Apex triggers, Flows, or complex sharing calculations—exceeds the 10,000ms limit within a single transaction.

Reducing the batch size is the standard architectural remedy because it reduces the number of records processed in a single transaction, thereby lowering the total CPU time consumed by those records. However, the architect must consider the impact on the overall throughput and execution time.

When batch sizes are smaller, the total number of batches required to process the same dataset increases. For instance, moving from a batch size of 2,000 to 200 for a 1-million-record dataset increases the number of batches from 500 to 5,000. Each batch carries its own overhead for initialization and finalization within the Salesforce platform. Consequently, while the individual batches are more likely to succeed, the total time required to complete the entire job will increase.

The architect should also be aware of the daily limit on the total number of batches allowed (typically 15,000 in a 24-hour period). While Option C mentions API request limits, the Bulk API is governed more strictly by its own batch limits. Option B is less likely because "parallel mode" naturally manages concurrency. Thus, the primary trade-off the architect must present to the business is a gain in reliability (successful processing) at the cost of total duration (increased sync time).

NEW QUESTION # 109

Northern Trail Outfitters wants to use Salesforce as a front end for creating accounts using the lead-to-opportunity process.

An order is created in Salesforce when the opportunity is Closed/Won, but the back-end Enterprise Resource Planning (ERP) system is the data Master for order.

The customer wants to be able to see within Salesforce all the stages of order processing, like Order Created, Order Shipped, and Order Paid, that are within the retention window.

Which message durability consideration should an integration architect make when designing a solution to meet these business requirements?

- A. When subscribing to Salesforce Event Bus, ReplayID is used with a value of -1 to be able to see new events.
- **B. When subscribing to Salesforce Event Bus, ReplayID is used with a value of -2 to be able to see old and new events.**
- C. High-volume event messages are stored for 24 hours (1 day).

Answer: B

Explanation:

When designing an event-driven architecture to track order processing stages (Created, Shipped, Paid), the Integration Architect must ensure the solution provides "durability"—the ability to recover messages that were sent while a subscriber was offline or during a system failure. In Salesforce, this is managed through the Event Bus and the ReplayID mechanism.

For High-Volume Platform Events and Change Data Capture, Salesforce provides a standard retention window of 72 hours (3 days). This means that events are stored in the bus for this duration, allowing clients to "replay" events that occurred in the past. To leverage this durability, the subscribing client must specify where in the event stream they wish to begin receiving messages.

There are two special values for the ReplayID:

ReplayID = -1 (Tip of the Stream): The subscriber receives only new events that are published after the subscription is established. Any events published while the client was disconnected are missed. This does not meet the requirement of seeing processing stages that occurred within the retention window if the connection was interrupted.

ReplayID = -2 (All Available Events): The subscriber receives all events that are currently stored in the event bus (up to 72 hours old) as well as all new events.

By recommending the use of ReplayID = -2, the architect ensures that even if the Salesforce frontend or the integration middleware experiences downtime, the system can "catch up" by retrieving all order status updates (Shipped, Paid, etc.) that were published during that window. This provides a robust and resilient user experience, ensuring that the Opportunity and Order records in Salesforce accurately reflect the state of the ERP system without data gaps. This configuration is essential for maintaining data synchronization in a distributed landscape where Salesforce acts as the engagement layer for a back-end ERP master.

NEW QUESTION # 110

Northern Trail Outfitters needs to use Shield Platform Encryption to encrypt social security numbers in order to meet a business requirement. Which action should an integration architect take prior to the implementation of Shield Platform Encryption?

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

Answer: A

NEW QUESTION # 111

Northern Trail Outfitters needs to secure an integration with an external Microsoft Azure API Gateway. Which integration security mechanism should be employed?

- A. Configure mutual server authentication with two-way SSL using certification authority (CA) signed certificates.
- B. Configure a connected app with an authorization endpoint of the API Gateway and configure OAuth settings.
- C. Use an API-only user profile and implement an external identity provider with federated API access.

Answer: A

Explanation:

For outbound integrations from Salesforce to an external cloud gateway like Microsoft Azure API Gateway, securing the communication at the transport layer is a fundamental requirement. While standard SSL provides one-way encryption where the client (Salesforce) verifies the server (Azure), Mutual Server Authentication (Two-Way SSL/TLS) ensures that both parties are verified before data is exchanged.

In this architecture, Salesforce presents a digital certificate to the Azure API Gateway during the TLS handshake. For production environments, Salesforce architects recommend using certificates signed by a Certification Authority (CA) rather than self-signed certificates to establish a trusted chain of identity that complies with enterprise security standards. This mechanism prevents unauthorized clients from connecting to the Azure endpoint, effectively mitigating man-in-the-middle attacks and unauthorized data exfiltration.

While a Connected App and OAuth (Option B) are essential for inbound requests where external systems call Salesforce, they do not natively secure the point-to-point connection when Salesforce acts as the client. Similarly, a federated API access model (Option A) focuses on user identity but does not address the transport layer security between the two cloud platforms. By configuring two-way SSL, Northern Trail Outfitters ensures that the Azure API Gateway only processes requests originating from a trusted, authenticated Salesforce instance, fulfilling the high security and trust requirements of modern integration architecture.

NEW QUESTION # 112

The director of customer service at Northern Trail Outfitters (NTO) wants to capture and trend specific business events that occur in Salesforce in real time. The metrics will be accessed in an ad-hoc manner using an external analytics system. The events include product exchanges, authorization clicks, subscription cancellations, and refund initiations via Cases. Which solution should meet these business requirements?

- A. Case after insert Trigger that executes a callout
- B. Case Workflow Rule that sends an Outbound Message
- C. Case Trigger after insert, after update to publish the platform event

Answer: C

Explanation:

To meet a requirement for real-time event capture that supports an external analytics system, the architect must choose a pattern that is scalable, decoupled, and reliable. Platform Events are the modern standard for this use case.

By using a Case Trigger to publish a specific Platform Event, NTO creates a highly decoupled Publish/Subscribe architecture. The external analytics system (or a middleware layer feeding it) acts as a subscriber to the event channel. This is superior to standard callouts or outbound messaging for several reasons:

Durability: Platform Events offer a 72-hour retention window. If the analytics system is momentarily offline, it can use the Replay ID to retrieve missed events.

Atomic Transactions: Triggers can be configured to publish events only after the database transaction successfully commits ("Publish After Commit"), ensuring the analytics system doesn't receive data for transactions that were eventually rolled back.

Event Volume: Platform Events are designed to handle much higher volumes of real-time messages than standard synchronous callouts.

Option A (Apex Callouts) is a point-to-point, synchronous pattern that would block Case processing and risk hitting "Concurrent Long-Running Request" limits. Option B (Outbound Messaging) is reliable but is limited to a single object per message and uses a rigid SOAP format that is less flexible for ad-hoc external analytics than the modern JSON/CometD/gRPC structures used by the event bus. By implementing Option C, the architect ensures that every specific business milestone (refund, exchange, cancellation) is broadcasted immediately, providing the customer service director with the accurate, real-time visibility required for trending and metrics.


NEW QUESTION # 113

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