

# DUMPS ARENA

## Salesforce Certified Integration Architect

Salesforce Integration-Architecture-Designer

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**QUESTION NO: 1**

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

**ANSWER: B C****Explanation:**

<https://www.youtube.com/watch?v=zQncznMLrt4> Contract first interface is important as it can impact integration design in terms of efficiency and collaboration.

**QUESTION NO: 2**

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

**ANSWER: C**

**QUESTION NO: 3**

Given the diagram below, a Salesforce org, middleware, and Historical data store (with 20million records and growing) exists with connectivity between them

Historical records are archived from Salesforce and moved to Historical Data store (which houses 20M records and growing; fine-tuned to be performant with search queries).

Call center agents use Salesforce, when reviewing occasional special cases, have requested access to view the related historical case items that relate to submit cases.

Which mechanism and patterns are recommended to maximize declarative configuration?

- A.** Use ESB tool with Data Virtualization pattern, expose OData endpoint, and then use Salesforce Connect to consume and display the External Object alongside with the Caseobject.
- B.** C Use an ESB tool with a fire and forget pattern and then publish a platform event for the requested historical data.
- C.** Use an ESB tool with Request-Reply pattern and then make a real-time Apex callout to the ESB endpoint to fetch and display component related to Case object
- D.** Use an ETL tool with a Batch Data Synchronization pattern to migrate historical data into Salesforce and into a custom object (historical data) related to Case object.

**ANSWER: A****QUESTION NO: 4**

An architect recommended using Apex code to make callouts to an external system to process insurance quote.

What should the integration architect consider to make sure this is the right option for the integration?

- A.** The maximum callouts in a single Apex transaction.
- B.** The maximum number of parallel Apex callouts in a single continuation.
- C.** The limit on long-running requests (total execution time).
- D.** The limit of pending operations in the same transaction.

**ANSWER: D****QUESTION NO: 5**

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.

**ANSWER: A B**

#### QUESTION NO: 6

Universal Containers (UC) is currently managing a custom monolithic web service that runs on an on-premise server.

This monolithic web service is responsible for Point-to-Point (P2P) integrations between:

1. Salesforce and a legacy billing application
2. Salesforce and a cloud-based Enterprise Resource Planning application
3. Salesforce and a data lake.

UC has found that the tight interdependencies between systems is causing integrations to fail.

What should an architect recommend to decouple the systems and improve performance of the integrations?

- A. Re-write and optimize the current web service to be more efficient.
- B. Leverage modular design by breaking up the web service into smaller pieces for a microservice architecture.
- C. Use the Salesforce Bulk API when integrating back into Salesforce.
- D. Move the custom monolithic web service from on-premise to a cloud provider.

**ANSWER: B**

#### QUESTION NO: 7

A company accepts payment requests 24x7. Once they accept a payment request, their

service level agreement (SLA) requires them to make sure each payment request is processed

by their Payment System. They track payment requests using a globally unique identifier created at the Data Entry Point. Their simplified flow is as shown in the diagram.

They encounter intermittent update errors when two or more processes try to update the same Payment Request record at the same time.

Which two recommendations should an integration architect make to improve their SLA and update conflict handling?

Choose 2 answers

- A. Middleware should coordinate request delivery and payment processing.
- B. Data Entry Point and Middleware should automatically retry requests.
- C. Payment System should process a payment request only once.
- D. Payment System and Middleware should automatically retry requests.

**ANSWER: A C**

#### QUESTION NO: 8

A company wants to standardize exception tracking, handling, and analytics. Given the following actions:

1. Build a company wide logging service hosted on a middleware platform
2. Create case object records for exceptions based thresholds
3. Change all their Apex Loggers to publish Application Exceptions as custom Platform Events.

Which two specifications should the integration architect include in the logging service architecture? Choose 2 answers

- A. Receive Application Events through Change Data Capture (CDC).
- B. Create Salesforce Cases using the Salesforce REST, SOAP or Bulk API.
- C. Create Salesforce Cases conditionally using automatic Case creation rules.
- D. Subscribe to the Application Exceptions using the Salesforce Streaming API.

**ANSWER: B C**

#### QUESTION NO: 9

Universal Containers (UC) uses Salesforce to track the following customer data:

1. Leads,
2. Contacts
3. Accounts

#### 4. Cases

Salesforce is considered to be the system of record for the customer. In addition to Salesforce, customer data exists in an Enterprise Resource Planning (ERP) system, ticketing system, and enterprise data lake. Each of these additional systems have their own unique identifier. UC plans on using middleware to integrate Salesforce with the external systems.

UC has a requirement to update the proper external system with record changes in Salesforce and vice versa. Which two solutions should an Integration Architect recommend to handle this requirement?

Choose 2 answers

- A. Locally cache external ID'S at the middleware layer and design business logic to map updates between systems.
- B. Store unique identifiers in an External ID field in Salesforce and use this to update the proper records across systems.
- C. Use Change Data Capture to update downstream systems accordingly when a record changes.
- D. Design an MDM solution that maps external ID's to the Salesforce record ID.

**ANSWER: C D**

#### **QUESTION NO: 10**

Northern Trail Outfitters is seeking to improve the performance and security of outbound integrations from Salesforce to on-premise servers.

What should the Architect consider before recommending a solution?

- A. External gateway products in use
- B. A Default gateway restrictions
- C. Considerations for using Deterministic Encryption
- D. Shield Platform Encryption Limitations

**ANSWER: A**