SFDC Architect Topics

Mainly asked by Cognizant people in May 2021.

1. **Custom Metadata Types Usage**

<https://help.salesforce.com/articleView?id=sf.custommetadatatypes_about.htm>

<https://developer.salesforce.com/docs/atlas.en-us.apexref.meta/apexref/apex_methods_system_custom_metadata_types.htm>

1. **Platform Events**

<https://developer.salesforce.com/docs/atlas.en-us.platform_events.meta/platform_events/platform_events_intro.htm>

1. **Capture Data Events / Aynch Apex Triggers**  
   Change data events and asynch apex triggers work mainly with platform events.  
     
   Use Change Data Capture to update data in an external system instead of doing periodic exports and imports of data or repeated API calls.
2. **Customer 360 Data Manager Basics**  
   Integrate data among multiple Service Cloud orgs and Commerce Cloud. To help you connect case history, order history, and customer data across your enterprise, Customer 360 Data Manager assigns a global profile to each unique customer. Having a global profile lets service agents, for example, view a customer’s order history in Service Console without having to swivel to Commerce Cloud.
3. **Authorization Flows**

<https://help.salesforce.com/articleView?id=sf.remoteaccess_oauth_flows.htm&type=5>

1. **OAuth Basics**

Types of different flows.

How SAML works.

Describe Single Sign On.

How OAuth works.

Difference between SAML and OAuth.

1. **Bulk API limits for humongous data loads.**

<https://developer.salesforce.com/docs/atlas.en-us.salesforce_app_limits_cheatsheet.meta/salesforce_app_limits_cheatsheet/salesforce_app_limits_platform_bulkapi.htm>

How to import 150 million records.

Data Loader supports upto 5 million.

Explore App Exchange to find an appropriate tool.

- Pentaho

- JitterBit

- Dataloader.io

Bulk API Limit

Maximum number of records uploaded per 24-hour rolling period 150,000,000

(15,000 batches x 10,000 records per batch maximum)

In Bulk API 2.0, batches are created for you automatically. In Bulk API, you must create the batches yourself.

<https://developer.salesforce.com/docs/atlas.en-us.api_asynch.meta/api_asynch/bulk_common_diff_two_versions.htm>

1. **Custom Permissions [Different than permission sets]**

https://help.salesforce.com/articleView?id=sf.custom\_perms\_overview.htm&type=5

1. **Sharing Rules and Sharing Architecture**

Limits of Sharing Rules

<https://salesforceben.com/tips-for-planning-and-creating-salesforce-sharing-rules/#:~:text=You%20can%20define%20up%20to,rules%20to%2050%20per%20object>

1. **Attachment object**

<https://support.formtitan.com/topics/Salesforce/Attachment_Object>

1. **Async SOQL Versus SOQL**

<https://developer.salesforce.com/docs/atlas.en-us.bigobjects.meta/bigobjects/async_query_overview.htm>

1. **Real-Time Event Monitoring, gain greater insights into:**

Who viewed what data and when

Where data was accessed

When a user changes a record using the UI

Who is logging in and from where

Who in your org is performing actions related to Platform Encryption administration

Which admins logged in as another user and the actions the admin took as that user

How long it takes a Lightning page to load

Threats detected in your org, such as anomalies in how users view or export reports, session hijacking attacks, or credential stuffing attacks

1. **Big Objects**

<https://developer.salesforce.com/docs/atlas.en-us.bigobjects.meta/bigobjects/big_object.htm>

Two types of big objects.

Custom Big Object Use Cases

Differences Between Big Objects and Other Objects