Q. What is integration?

Answer: Integration is a process of connecting two applications.A typical enterprise uses many applications, many or most of which are not designed to work with one another out of the box. Integrating separate but related apps helps organizations achieve greater levels of operational consistency, efficiency, and quality. Each application can have data, business logic, presentation, and security layers, all of which are possible targets for integration. This page is an overall launch point for exploring the various integration options related to Force.com and other Salesforce platform technologies.

Q. Why we need integration in Salesforce?

Answer : Integration comes in picture when some interaction is required from external system. Let us take example, we want to validate address of account record. This can be done using google address validation or smarty street API integration.

Q. What Are The Types of SOQL Statements in SalesForce?

Answer : Salesforce Object Query Language is used to query that records from the database.com based on the requirement.

There are 2 types of SOQL Statements.

- **Static SOQL**
- **Dynamic SOQL**

Q. What is SOAP?

Answer : A protocol that defines a uniform way of passing XML-encoded data. SOAP Stands for Simple Object Access Protocol.

Q. How many types of API's available in Salesforce?

Answer : SOAP API, REST API, Bulk API, and Streaming API.

Q. Difference between SOQL Vs SOSL in salesforce?

Answer : SOQL- Salesforce Object Query Language

```
Using SOQL we can Search only on one object one time.
 We can query on all fields of any data type
 We can use SOQL in the Triggers and the classes.
 We can perform DML operation on SQL query results.
```

SOSL(Salesforce Object Search Language)

```
Using SOSL we can search on many objects at one time.
```

```
We can query only on fields whose data type is text, phone, and
Email.

We cannot use in Triggers but can in classes.

We cannot perform DML operation on search results.
```

Q. How SOAP and REST will Communicate?

Answer : SOAP will communicate through WSDL file

REST will communicate through HTTP file

Q. What Is Webservices ?

Answer : Webservices is a functionality or code which helps to us to do integration.

Q. When to Use REST API?

Answer : REST API provides a powerful, convenient, and simple REST-based web services interface for interacting with Salesforce. Its advantages include ease of integration and development, and it's an excellent choice of technology for use with mobile applications and web projects. For certain projects, you may want to use REST API with other Salesforce REST APIs. To build UI for creating, reading, updating, and deleting records, including building UI for list views, actions, and dependent picklists, use User Interface API. To build UI for Chatter, communities, or recommendations, use Chatter REST API. If you have many records to process, consider using Bulk API, which is based on REST principles and optimized for large sets of data.

Q. When to Use SOAP API?

Answer : SOAP API provides a powerful, convenient, and simple SOAP-based web services interface for interacting with Salesforce. You can use SOAP API to create, retrieve, update, or delete records. You can also use SOAP API to perform searches and much more. Use SOAP API in any language that supports web services.

For example, you can use SOAP API to integrate Salesforce with your org's ERP and finance systems. You can also deliver real-time sales and support information to company portals and populate critical business systems with customer information.

Q. When to Use Chatter REST API?

Answer : Use Chatter REST API to display Chatter feeds, users, groups, and followers, especially in mobile applications. Chatter REST API also provides programmatic access to files, recommendations, topics, notifications, Data.com purchasing, and more. Chatter REST API is similar to APIs offered by other companies with feeds, such as Facebook and Twitter, but it also exposes Salesforce features beyond Chatter.

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Q. What is WSDL ?

Answer : WSDL (Web Services Description Language) is an XML document that describes a web service. WSDL is derived from Microsoft's Simple Object Access Protocol (SOAP) and IBM's Network Accessible Service Specification Language (NASSL). WSDL replaces both NASSL and SOAP as the means of expressing business services in the UDDI registry. It is used in combination with SOAP and XML Schema to provide web services over the Internet. A client program connecting to a web service can read the WSDL to determine what functions are available on the server.

Q. How to generate WSDL file?

Answer : Attend Setup -> Develop -> apex categories

Click on Apex category

Click on Generate WSDL button

Generate WSDL code from category

Save as .wsdl come in your system

Q. Can we tend to do a callout from flow synchronously?

Answer : No. Like trigger, we tend to cannot do callout from apex action in Flow.

Callout ought to be done asynchronously like mistreatment future methodology.

Q. Difference between LiveMessage and Digital Engagement electronic communication?

Answer : Salesforce Classic LiveMessage :

Salesforce Classic LiveMessage is in a very managed package.

Supports Short Code.

Q. Digital Engagement Messaging

Answer : Digital Engagement electronic communication resides in Lightning and is provisioned via a Permission Set License.

Short code isn't supported.

Q. What is Asynchronous Apex?

Answer : Asynchronous Apex is employed to run method in a very separate thread at later time in background. principally these is employed wherever massive volume of information process is needed or supported HTTP callout some update in record is needed.

Q. What area unit kinds of Asynchronous Apex?

Answer : Majorly this is often four sorts that area unit as follows.

1. **Queueable Apex**
2. **scheduled Apex**
3. **Batch Apex**
4. **Future ways**

Q. Why we tend to can't pass sObject in future method?

Answer : Future methodology area unit dead in own time. sObject may modification between the time it's known as the strategy and therefore the time it executes.

Q. What is future decision limit?

Answer : Most variety of future methodology invocations per a 24-hour amount is 250,000 or the quantity of user licenses in organization increased by two hundred, whichever is larger.

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what is salesforce?

- what are governor limits and whats their need in salesforce.

- types of relationships

- difference between workflow and process builder

- difference between trigger.old and trigger.new

- trigger for rollup in lookup relationship

- create diamond pattern using loops in any language(asked to every candidate)

- What is difference between lookup and master detail relationship.

- What is validation rule.

- Triggers questions.first trigger Duplicate email.

- If one opportunity is create in one day after one day second opportunity will get insert on account. (Second trigger)

- What is Java and why Java is most popular programming language?

- I want that only 1 opportunity linked with 1 account created in a single day not more than 1 opportunity should be created in one day for one account.

- What is the syntax for batch processing write on paper.

- vf code for retrieving 5 fields of any record. Paper pen.

- what is the maximum limit for any batch.

- what is the minimum limit for any batch.

- if any batch gets fail does all record after that batch, that is of next batch also stops.

- what are errors

- what is error 101

- what is error 50001 when we get this error.

- can we delete through workflow.

- How Can we apply validation on delete button write validation formula.

- what are differences between workflow and process builder.

- what are diffrence between lookup and master detail.

- what are main actions of process builder name all.

- how many roll up summary can be made on 1 object.

- what is relationship between opportunity and account and contacts.

- why batches are used

- can we use future under future

- can we use batches in triggers.

- what are wrapper classes why and when we use wrapper class.

- Note- Many more questions regarding governor limits and what will happen when governor limit exceeds.

Trigger.new && trigger.new maps

Governor limits

To design a vf pafe to fetch records in capital from accounts and create a link in front of every

record to view the details of that particular record

Trigger for rollup in lookup relationship

Any of the trigger that we have created in our projects

Difference between workflow and process builder

Validation rules

Data import wizard and data loader

Batch class

Integration and http methods

Methods in batchable interface

Lookup and master relation difference

Action methods and where we have used action methods in out project.

What we have done in our projects in app builer and development both?? Like validation rules ,workflow,trigger ,vf pages etc and aksed question on whatever we have used in our project.

Collections in apex -were asked in almost all the rounds of interview

Last

Questions asked in Mass Mailer(Chennai Location)

Person-1(1st round)

1-Difference bw profile and permission set

2-validation rule

3-In lookup relationship if child record are required field, and if you delete parent then child will delete or not?

4-About relationship

5-Trigger count contact on an account

6- what is managed and unmaneged

7- about project

8-what is vf components

9-swap two variables without using third variable

10-In "webusters" count how many vowels(whole c code)

11-Normalization in database

Person-2

12.custom objects

13. what is salesforce

14. what is trigger

15. diff. b/w saas n paas

16. diff. b/w is null and is blank

Person-3   (2nd round)

1.What is Tab?

2. What is master detail relationship ? How many of these can be used for an object?

3. What is lookup relationship ? What are its limit ?

4. What is junction object ?

5. What are custom objects ?

6. What is difference between custom and standard object ?

7. What is salesforce ?

8. What is difference between Salesforce.com and force.com /

9. What are the types of Reports ?

10.What is dashboard ? How many reports can be used in a dashboard ?

11. What is workflow rule ?

12.Can we schedule the dashboard ?

13. What are the types of custom settings ?

14.What are controllers ? Difference between them ?

15. What are triggers ? Explain any trigger scenario ?

16. What is pointer ?

17. Questions related to OOPs

18. How the duplicacy of mails can be checked using salesforce ?

19. What are governer limits ?

20. What are static resources ? What is the size limit of it ?

Questions for freshers in HIC Global---->

1-what is permission set in salesforce

2-give the senario where we use permission set

3-write a trigger to count the contact of any account

4-write logic to swap two number --using 3rd variable and without using 3rd variable

5-what is sandbox enviournment in salesforce

6-workflow and apporoval process

7-process builder and its action

8-give the condition when workflow is used and when process builder is used

9-what is outbound message and what is used of that

10-what is rest integration and soap integration

11-difference between rest vs soap

12-what is role user profile owd and all such type of corelated question

13-pattern program used any language

14-what is salesforce and what is CRM

15-why we need CRM to manage our business

16-what is view case in VF page

17-what is visual force component

18-relation between account and contact with clear example

20-what is force.com

21-Governer limit

1: workflow, workflow rule how to work workflow third rule in depth.

2: processBuilder and its actions how to create.

3. controller, standard controller and custom controller difference. how to use standard controller.

4. extension.

5 count of contact trigger. why we use trigger.old and trigger.new and when we use it.

6. swapping program with two variable and three variable also.

7. program to print the Fibonacci series. etc.....

What are profiles,roles,owd

Difference between process builder and workflow(along with scenerios and process)

Triggers

Types of controllers used and their examples

Difference between action function, action support and action pollar

Constructors and Interfaces.

Batch class

aptitude,3 triggers ,workflow,process builder, c programs & some basic question of salesforce.

QUESTIONS ASKED IN THE INTERVIEW:

1.What are they:-

1.Relationship

2.Rollup summary

3.OWD(Wide organization default)

4.security

5.Workflow

6.Trigger

7.SOQL & SOSL

8.Process Builder

9.Approval Process

10.Controller

2. What is the workflow and uses of workflow.

3. Explain User, Profile and Roles in Salesforce.

4.What is the constructor.

5.Write a trigger for give the details regarding child object like if some one added a child object then increase the no of count and if someone delete the child object then decrease the no of count.

6.They asked me also do you have any experience in other programming language.

Questions for freshers in HIC Global---->

1-what is permission set in salesforce

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20-what is force.com

21-Governer limit

person-1

Round1-

Triggers1- Write a trigger on lead, If email is empty and phone is non-empty then create a task where Description is Enter email id, Status is in progress.

Trigger2- Write a trigger on contact, if mobile changes then save the old mobile in custom field mobile backup.

Round2-

1. What is salesforce.

2. What is static block.

3. What is final static.

4. tell means of final integer a=5; explain.

5. Diffrence B/W Trigger.Old and Trigger.New.

6. exception , IoException and Arithmetic Exception .

7. Try and Catch block .

8. Multiple catch is possible.

9. What is DML .

10.How can handel Exception in Apex Code when inserting record.

person-2

11. Explain process Builder.

12. what is workflow and its limitation Explain.

13. What is custom setting.

14. what is custom level.

15. what is future method.

16. what is Rest and Soap API.

17. what is sharing Rule & Manual Sharing and Role Hirerchy.

18. Explain OWD.

19. what is flow in salesforce.

· -workflow and apporoval process

· process builder and its action

· Explain what is sales force?

· About relationships

· Permission sets

· Roles

· Trigger

· Outbound message

· Program to swap no without using 3rd variable

· Write trigger to count contacts on account

· About project

· Junction object

· why we need CRM to manage our business

· relation between account and contact with clear example

· what is force.com

· Governer limit