



Cloud Computing Introduction:

- 1) Introduction
- 2) Evolution of Cloud Computing
- 3) Comparison with Other computing techniques
- 4) Characteristics of Cloud Computing
- 5) Advantages and Disadvantages
- 6) Classification of Cloud Services
 - a) PAAS (Platform As A Service)
 - b) SAAS (Software As A Service)
 - c) IAAS (Infrastructure As A Service)

Administration:

- 1) Identity Confirmation:
 - a) CRM functionalities, Products of SF, Login to SF Page
 - b) Sales Architecture, Lead Conversation, Accounts, Contacts
- 2) Customization:
 - a) Create Custom Profiles and Users
 - b) Custom Objects & Custom Fields & Custom Tabs
 - c) Customizing Relationships, Formula fields and Rollup Summary fields
 - d) Define Dependent Picklists
 - e) Customize Page Layouts, Record Types
 - f) Customize Standard related lists
 - g) Learn About Record Types & Business Processes
 - h) Use Field Level Security
- 3) Security & Access:
 - a) Set Organization-Wide Defaults
 - b) Role Hierarchy, Public Groups, Queues, Permission Sets
 - c) Sharing Rules
- 4) Workflow:
 - a) Define Workflow
 - b) Set up Workflow rules
 - c) Set up workflow tasks & Email Alerts & Field Updates
- 5) Approval Process:
 - a) Plan Approvals using workflow
 - b) The approval wizard – standard vs. jump start
 - c) Create workflow approvals
- 6) Data Validation:
 - a) Learn about Salesforce CRM Data Validation
 - b) Create Data Validation Rules
 - c) Learn about the Custom fields & Unique properties
- 7) Data Utilities:





- a) Import records using the import wizards
- b) Apex Data Loader tool
- 8) Analytics:
 - a) Create Report Types
 - b) Create Custom Reports
 - c) Learn about Advanced filters and Conditional Highlighting in Reports
 - d) Use Custom Summary formulas
 - e) Create Dashboards

Development:

- 1) Apex Language Fundamentals
 - a) Data Types (Primitive Data Types, sObject Types)
 - b) Writing Basic Anonymous Blocks with Apex Data Types
 - c) Use of DML Statements
 - d) Sample programs using the above concepts
- 2) Retrieving Records from the Database
 - a) sObject Relationships
 - b) SOQL, SOSL, Apex Sharing.
 - c) Sample programs using the above concepts
- 3) Collections
 - a) Types of Collections
 - b) Creating an Apex Class
 - c) Calling a Class Method
 - d) Alternative Apex Class Creation
- 4) Triggers
 - a) Trigger Events, Trigger Syntax, Trigger Context Variables
 - b) Context Variable Considerations, Bulk Triggers
 - c) Sample Programs using above concepts (using maps and sets in the Bulk Triggers)
 - d) Order of Execution
 - e) Governor Limits
- 5) Deployment (Testing Apex)
 - a) Deployment overview (Understanding Testing in Apex)
 - b) Annotations
 - c) Deploying Apex into another Organization
 - d) Testing Example
 - e) Sample Programs using the above concept
- 6) Dynamic Apex
- 7) Batch Apex
- 8) Debugging Apex
- 9) Deploying
 - a) By using Change Sets
 - b) By using Force.com IDE tool





- c) By using Force.com Migration tool kit
- 10) Apex Scheduler

Visualforce Pages:

Introduction about Visualforce

☑ What is a Visualforce Page?

- i) Visualforce Markup
 - j) Visualforce Controllers
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- a) Where Can Visualforce Pages Be Used?
 - b) How is Visualforce Architected?

Understanding Simple Variables and Formulas

- a) Global Variables
- b) Basic Formulas
- c) Conditionals
- d) Creation of Visual force Pages using Tags

Page Tags, Input Tags, Output Tags, Action Tags, Select Tags, Other Tags

Overriding Buttons, Links, and Tabs with Visualforce

VF Tabs

Controllers: Standard Controllers

- a) Custom Controllers
- b) ☑ Controller Extensions

Integration:

- Overview about Integration
- Different types of Integration's
- Integration API's
 - SOAP API
 - REST API
 - Bulk API
 - Metadata API
 - Chatter API
- Detail description about SOAP and REST
- Introduction about webservicess(SOAP)
 - Introduction to SOAP API
 - Types of WSDL file and purpose





- Creating web service class in salesforce
- Salesforce to Salesforce Integration by using Enterprise WSDL
- Salesforce to Salesforce Integration by using Partner WSDL
- Generate Apex class into web service class
- Session Id Explanation and Generation
- Consume web service class
- Callout using SOAP service from Apex

- Introduction about Http(REST)

- Introduction to REST API
- Types of REST Annotations and Purpose
- Creating REST Class in Salesforce
- Generate Apex class into REST Class
- HTTP Request and HTTP Response classes.
- OAuth Token Explanation and Generation
- Consume REST Class
- Callout using REST classes from Apex

- Salesforce Messaging

○ Inbound Messaging

- Purpose of Inbound Messaging (Email Service)
- How to create Email Service class
- How to configure Email service
- Email Service Real-time Example Explanation

○ Outbound Messaging

- How to configure outbound Message
- Real-time Example with salesforce to Sql server Database.

