**ANIL SOFTWARE TECHNOLOGIES-MuleSoft**

**Mule-Soft- Online training By Anil Mikkili (Certified)**

Mule ESB introduction

Need of ESB and how it helps to resolve the problems?

What are Mule and its features?

**Mule Core Concepts**

How does a Mule Message look like?

Structure of mule message in details

What is message processor and different message processor?

What is flow, private flow land sub-flow?

**Debugging Mule message and MEL**

Debugging mule flow

How to set toggle break point to debug the flow

Read object with MEL when debugging

**Importance of Transformation in Mule ESB**

MEL in detail

Mel keyword for the required transformation according to the client requirements.

Writing Data weave expressions

Adding sample data to view

reviewing transformations on studio

Writing Expressions for XML, JSON, and JAVA

Writing Expressions for transforming XML to Json

Using message variable in DWL

Create variables, payload and Attributes in Transform Message.

**API- LED connectivity**

Modern API to resolve the problems

System API

Process API

Experiencing API

And will see how Api-Led connectivity was implemented

**Different type of Deployment**

On-premises

Cloud Hub

**Any point Platform Structure**

Design API by using Design Center and Raml standard practices

Mocking API using Mock service

Exporting API into Exchange

Create an API Manager portal and apply security policies

1. Http basic authentication
2. Throttling
3. Rate Limiting

Deploy an API by using API Run Time Manager.

**API’S IMPLEMENTATION**

Implementation of API's using Any point Studio.

Downloading raml from the design center

Generating restful flows from the raml.

Externalizing the properties file Base on the Environment

- **Dev, SIT, UAT** and **PROD.**

Consuming **SOAP** services.

Consuming **Restful** Services.

**API Testing**

**Postman** (Api testing tool) installation.

Testing an API by using **Postman**.

**Exceptional Handling**

What happens when exception happens in a flow?

**Types of exceptions in mule 3**

1. Default Exception Strategy
2. Catch Exception Strategy
3. Rollback Exception Strategy
4. Reference Exception Strategy
5. Choice Exception Strategy

**Types of exceptions in mule 4**

1. System exceptions
2. Message exceptions

**Types in Message exceptions**

1. On error continue
2. On – error Propagate
3. Try scope

**Munit in Mule 4**

How Munit implemented with Any point Studio

How to implement Munit flows in Mule

Observing the Coverage for the munit.

**Configuring Domains**

What and why are domains required?

Creating a domain project

Deploying a domain

**Min project**

**Interview Questions**

**Resume preparation**

**Coding Standings**

**Best practices in Mule ESB**