

Mule ESB introduction

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

What are Mule and its features?

Mule Core Concepts

How a Mule Message does looks like?

Structure of mule message in details

What is message processor and different message processor

What is main flow private flow land sub-flow?

Debugging Mule message and MEL

Debugging mule flow

Read object with MEL when debugging

Different Transformers

Property transformer

Expression transformer

Flow scope land session scope

MEL in detail

API- LED connectivity

Modern API to resolve the problems

System API

Process API

Experiencing API

API development in Any point platform

API design with RAML

Define API's using API designer

API Led Connectivity in Any point platform

Mocking API's

Creating API Portals

Adding API to extension

Best practices in RAML

API's implantation

Implementation API's using Any point Studio.

Externalizing the properties file Base on the Environment- Dev, SIT, UAT and PROD.

Consuming Restful Services

Consuming SOAP services

API Deployment

Providing security for API
Throttling
Http basic authentication

Filters

How does filter work in various scenarios?
Configuring Message filter to throw exception on unaccepted message?

Understanding Http Listener and Http Request Configuration in detail

Consuming a Restful Web service
Passing arguments to Restful Web service
Consuming a Restful Web service having a RAML
Consuming a SOAP Web service

File endpoint

Polling file system using Inbound file endpoint
Using outbound file endpoint to write to file system
Implementing inbound and outbound file endpoint

Database Endpoint

Configuring Data Source
Configuring Database Connector
Parameterized Queries
Dynamic Queries
Template Queries
Polling the Database using a Pooler

JMS Endpoint

Configuring JMSconnector
One way JMS outbound endpoint
One way JMSs inbound endpoint
Two way JMS outbound and inbound endpoints

Data Weave data transformation Language

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 Jason and vice versa
Using message variable in DWL
Create flow, session variables and outbound properties in Transform Message transfer

Exceptional Handling

- What happens when exception happens in a flow?
- Default Exception Strategy
- Catch Exception Strategy
- Rollback Exception Strategy
- Reference Exception Strategy
- Choice Exception Strategy

Configuring Domains

- What and why are domains required?
- Creating a domain project
- Deploying a domain

Routing , Splitter and Aggregators

- Choice router
- Scatter-Gather router
- How Splitter and Aggregators works? Use for each
- Implementing Callable
- Performance Flow Processing Strategies Tuning by configuring
- Synchronous Processing Strategy
- Queued Asynchronous processing strategy
- Asynchronous processing strategy
- Thread Per processor strategy
- Queued Thread per processor strategy

Min project

Interview Questions

Resume preparation

Coding Standings

Best practices in Mule ESB