

# Oracle SOA Suite 11g: Mediator Component Overview

## Introduction to the Mediator Component

- Introducing the Mediator Component
- Describing the features of the Mediator Component
- Describing the Mediator Editor Environment
- Creating a Mediator Component
- Modifying a Mediator Component
- Deleting a Mediator Component

## Creating the Mediator Routing Rule

- Introducing different types of Routing Rules
- Defining a Routing Rule
- Creating Static and Dynamic Routing Rule
- Configuring Routing Rules
- Handling Synchronous and Asynchronous Responses and Faults
- Configuring Message Filters
- Configuring Validations
- Specifying Sequential or Parallel execution

## Data Transformation

- Creating Transformations in Mediator Routing Rules
- Configuring Transformations
- Using the XSLT Mapper to define simple and complex mapping
- Using the XSLT Mapper to define repeated element mapping and conditional mapping
- Editing using the XSLT Mapper
- Adding a dictionary for Auto Mapping

## Domain - Value Mapping

- Introducing Domain - Value Map
- Creating Domain - Value Map
- Populating Domain - Value Map
- Using Domain - Value Map in Transformations

## Testing Transformation Maps

- Introducing the process of Testing Transformation Maps
- Initiating an XSL Transformation Test
- Viewing the Test Results

## Handling Faults in Mediator

- Understanding Fault handling concepts
- Configuring a Target Service for a Mediator fault
- Considering Faults with Asynchronous Mediator component
- Understanding Fault Management Framework
- Introducing Policy Driven Fault Handling
- Understanding the Fault Policy File Structure
- Understanding the Fault Binding File Structure