Oracle Service Bus 11g: Design & Integrate Services

Introduction to Oracle Service Bus

- Introducing the Service Oriented Architecture
- Describing the Oracle Service Bus Architecture
- Introducing the Role of Oracle Service Bus

Message Flow

- Introducing the Oracle Service Bus Resources
- Explaining the Message Context Model and the Message Context Variables
- Understanding the Message Flow and the Nodes/Elements of a Message Flow

Message Flow Actions

- Describing the Communication Actions You Can Add to a Route or a Stage in a Message Flow
- Describing the Flow Control Action You Can Add to a Route or a Stage in a Message Flow
- Describing the Message Processing Actions You Can Add to a Stage in a Message Flow
- Describing the Reporting Actions You Can Add to a Stage in a Message Flow
- Using XQuery Mapping and Transformations

Message Flow Best Practices

- Introducing Split-Joins
- Describing the Concept of Dynamic Routing

Transports in Oracle Service Bus

- Describing Oracle SOA Suite Transport (SOA-DIRECT)
- Describing JCA Transport
- Describing Representational State Transfer (REST)

Debugging with Oracle Service Bus

- Describing and Configuring Error Handling in Oracle Service Bus
- Configuring Validation in Oracle Service Bus
- Explaining the Usage of the Reporting Action

Introduction to Oracle Service Bus Security

- Introducing Oracle Service Bus Security
- Securing OSB with OWSM

- Introducing Message Level Security

Appendix A: Service Bus Concepts

Appendix B: Transports

Appendix C: Delivery Methods