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# Oracle Service Bus 12c New Features Ed 1

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This Oracle Service Bus 12c: New Features Ed 1 training teaches you to about the new features and capabilities of Service Bus 12c as compared to the OSB 11g product version. It's designed for service designers and developers transitioning from the Eclipse IDE in 11g to the new JDeveloper IDE for 12c.

## Objectives

- Become familiar with the new features of Oracle Service Bus 12c
- Describe the differences between the three Quick Start Domain options
- Understand the basic usage of JDeveloper for creating Oracle Service Bus projects and resources
- Populate MDS repository with source data
- Access the Fusion Middleware Control Console and identify its various Service Bus options
- Editing the Oracle Diagnostics Log (ODL) configuration
- Use the new Disable/Enable feature for stages & actions
- Debug SB message flows from within JDeveloper
- Describe the role of XPath, XQuery, and XSLT in the way Service Bus handles data
- Describe JCA transport and adapters
- Migration of OSB 11g projects to SB 12c
- Explain how Oracle MFT works with SB to handle large message transfers
- Use the new REST binding wizard for creating REST-ful SB services

## Topics

- Introduction and Agenda
- Overview
- Quick Start for Developers
- Getting Familiar with SB 12c and Jdeveloper
- Service Bus Administration and Management Tools
- Shared Variables, Pipelines and Templates
- Monitoring, SLA Alerts and Reports
- Testing and Debugging
- Transforming Messages
- Adapters and Transports
- Additional Topics
- Appendix A: Split-Join Message Flow Component