Oracle B2B 11g: Concepts and Implementation

Duration: 3 Days

What you will learn

This Oracle B2B 11g: Concepts and Implementation course teaches you about the features of Oracle B2B that support document and trading partner management. Get introduced to the Oracle B2B Document Editor and learn how it can be used to enhance your B2B interactions. Also learn the basic administration tasks on Oracle B2B.

Oracle B2B 11g 11.1.1.7

This course deals with Oracle B2B 11g (11.1.1.7), an eCommerce gateway that enables secure and reliable exchange of business documents between trading partners. Oracle B2B supports business-to-business document standards, security, transports, messaging services and trading partner management. Within an Oracle SOA Suite Composite Application, Oracle B2B is used as a binding component to implement end-to-end business processes.

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Audience

Application Developers
Architect
SOA Architect
System Integrator
Technical Consultant

Related Training

Required Prerequisites

Basic knowledge of Messaging

Basic understanding of Distributed computing

Basic understanding of XML

Suggested Prerequisites

Basic knowledge of B2B business protocols

Basic knowledge of SOA concepts and Adapter concepts

Basic understanding of BPEL and Mediators

Basic understanding of WebServices
Course Objectives

Describe B2B concepts and standards

Describe the features of Oracle B2B

Create and configure trading partners by using different business protocols
Define and manage documents in Oracle B2B for Oracle B2B transactions

Create and manage trading partner agreements utilizing multiple B2B business protocols
Create and configure trading partners by using different business protocols

Identify and use reports and metrics in Oracle B2B

Create and manage trading partner agreements utilizing multiple B2B business protocols

Describe the features of Oracle B2B

Identify and use reports and metrics in Oracle B2B

Describe B2B concepts and standards

Administer Oracle B2B platform

Configure Java Callouts

Run B2B command line utilities

Course Topics

**B2B Overview**
Describing and addressing the requirements of E-Commerce
Explaining how Oracle B2B fits into a SOA implementation
Describing the Oracle B2B building blocks
Identifying typical Oracle B2B deployment topologies

**Oracle B2B Standards and Concepts**
Describing what B2B standards address
Identify the basic components of B2B transactions
Identifying trading partners and documents by using the different B2B protocols
Describing Oracle B2B capabilities

**Document Management: Creating Guidelines**
Describing the main steps in the Oracle B2B process flow
Identifying the different document protocols supported in Oracle B2B
List the Oracle B2B Document Editor components
Creating guidelines by using Oracle B2B Document Editor

**Document Management: Creating Document Definition**
Describing document hierarchy
Creating document definitions by using the Oracle B2B interface
Describing the protocol parameters for different document protocols

**Partner Management: Creating Profiles**
Creating trading partner profiles
Creating trading partner users
Adding document definitions
Configuring delivery channels

Creating and Deploying Agreements
Describing trading partner agreements
Listing the main steps for creating agreements
Managing agreements

Channels and SOA Applications
Describing and Using B2B Channels
Describing how Channels are used with Agreements
Distinguishing between internal channels and external channels
Distinguishing between listening channels and trading partner delivery channels
Describing the main components of a SOA application that can be used with B2B

Web Services Support in B2B
Describing the Web Services features available in B2B
Setting up B2B to receive and respond to a message sent using Web Services
Setting up B2B to send an outgoing message using Web Services protocol

Reporting: Oracle B2B
Describing reporting functionality in Oracle B2B
Creating different types of reports

Diagnostics
Describing the usage of Oracle B2B metrics
Diagnosing different types of errors
Describing B2B system and partner metrics
Listing the steps to integrate with BAM for real-time reports
Outlining use cases for the Instance Message Java API

Security
Describing users and roles in Oracle B2B
Describing document obfuscation and document provisioning
Explaining the functionality of the secure sockets layer

System Management
Deploying and managing agreements
Creating identifier types
Importing and exporting B2B design-time data
Batching EDI messages
Scheduling partner down time
Configuring listening channels
Purging data
Configuring B2B parameters

B2B Java API
Listing the available B2B Java APIs
Describing the functionalities of Java Callouts
Describing the use cases of transport level callout and agreement level callout
Configuring Java callouts in Oracle B2B Console
Writing basic Java callouts
Using Instance Message APIs to access runtime data

B2B Tools and Utilities
Using web service-based tools
Using command-line tools
Creating bulk B2B metadata with SelfService utility