Oracle B2B 11g: Concepts and Implementation

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
- Listing 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