Informatica B2B Data Exchange Training: Developer

Course Summary

Description

This Informatica B2B training course enables participants to use the principal features of Informatica B2B Data Exchange for electronic data interchange between partner organizations. Provided are extensive hands-on labs and exercises to allow students to gain confidence in the use of the development and administrative tools provided within the B2B DX software suite. This course is applicable to software version 10.1.

Objectives

At the end of this course, students will be able to:

- Describe the DX architecture, components, DT services and how they integrate in DX
- Describe DX Objects, and how they work together to enable partner communication
- Describe how DX leverages Informatica PowerCenter, and vice versa
- Describe MFT, and various MFT endpoints supported by DX
- Apply key concepts, such as Documents and Events, parent-child relationships and Delayed Processing, and how they are used to handle B2B relationships with partners
- Describe the DX Partner Portal, and its available functionality
- Monitor and manage DX events, and use them to track workflow progress
- Create and use Event Monitors to control Real-Time and Batch workflow execution
- Manage DX Objects using Web Services interface
- Configure the DX dashboard for custom reporting
- Troubleshoot issues in a DX environment

Topics

- Getting to Know DX
- Exploring the DX Interface
- Working with PowerCenter, Integration with Real-Time Workflows
- Integrating Data Processor (DQ)
- Managing Documents and Events
- Chaining Workflows and Data Flow
- Reconciling Events
- Handling Batch Workflows
- Delaying Events
- Using Event Monitors
- Configuring MFT
- Dashboard and Reports
- Using the Partner Portal

Audience

This course is designed for:

- Developers
- Operators
- Consultants

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Course Summary (cont.)

Prerequisite

The prerequisites for this course are:

- Basic concepts of client server applications
- Knowledge of RDBMS and SQL
- Knowledge of JMS and Web Services
- Hands-on Experience in working with Informatica PowerCenter tools
- Ability to perform basic IT administration tasks

Duration

Four Days
Course Outline

I. Getting to Know DX
   A. Informatica B2B Data Exchange
   B. Business Context of B2B Use-case
   C. Features and Benefits of B2B DX
   D. DX Architecture/Components
   E. New Features (10.1)

II. Exploring the DX Interface
   A. Using the B2B DX Console
   B. Management of DX Objects
   C. Endpoint, Application, Workflow, Partner and Account, Profile, Document and Events

III. Working with PowerCenter, Integration with Real-Time Workflows
   A. Functional Components of Real-Time Workflows
   B. Create DX Objects and Transformations in a PowerCenter Workflow
   C. Connection Objects, JNDI Application, JMS Application Connections and Workflows
   D. Running a Real-Time Workflow in DX

IV. Integrating Data Processor (DQ)
   A. Developer Overview & Features
   B. Data Processor and Informatica Developer
   C. Data Processor Overview
   D. Data Processor Transformation (DPT)
   E. Using DPT Components
   F. Create and Export DPTs

V. Managing Documents and Events
   A. Overview of B2B DX Events
   B. Event Types
   C. Event Status
   D. Event Status History
   E. Event Attributes
   F. Event Properties
   G. Event Search – Basic & Advanced
   H. Viewing Events
   I. Dialogue – Root, Parent and Child Events
   J. Creating and managing new events using DX Transformation

VI. Chaining Workflows and Data Flow
   A. DX Data flow and Design
   B. Content based routing
   C. Design Decisions
   D. Parent and Child Events
   E. Overview of Chained Workflows
   F. Chained Workflow Use-Case

VII. Reconciling Events
   A. Introduction to Reconciliation
   B. Reconciliation Use-Case
   C. DX Reconciliation Process
   D. DX Transformations for event reconciliation
   E. Reconciliation Monitor
   F. Monitor Frequency
   G. Handling Reconciliation Issues

VIII. Handling Batch Workflows
   A. Real-Time versus Batch Workflow
   B. DX Flow Decision making logic
   C. Batch and Real-Time Use-Cases
   D. Configuring DX Workflows for Batch
   E. Scheduling in DX

IX. Delaying Events
   A. Introduction to Delayed Events and Delayed Processing
   B. Delated Event Use-Case
   C. Delay Rules
   D. Release Rules
   E. Rule Evaluation
   F. Setting up Delayed Processing in DX

X. Using Event Monitors
   A. Introduction to Event Monitors
   B. Using Events to Monitor Processing in Real Time
   C. Viewing Monitored Events
   D. Overview of DX Advanced Exception Handling
   E. Event Monitor to track exceptions
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Course Outline (cont.)

XI. Configuring MFT
   A. Introduction to MFT
   B. Features and Benefits of MFT
   C. DX – MFT Integration
   D. Installing MFT
   E. MFT Endpoints

XII. Using the Partner Portal
   A. Overview of Partner Portal
   B. Dashboard
   C. Monitoring Event
   D. On-boarding
   E. File Exchange
   F. Authentication & Access Control
   G. DX User Authentication
   H. Native and ISP Authentication Modes
   I. DX Access Control
   J. User Groups and Categories

XIII. Dashboard and Reports
   A. Overview of Dashboard and Reporting
   B. Dashboard and Reports Structure
   C. Customizing the Dashboard in Logi Info Studio