

## Process Orchestration Overview

**Duration: 5 Days    Course Code: BIT800    Delivery Method: Company Event**

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### Overview:

This course gains knowledge in configuring business processes with Process Orchestration.

#### Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

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### Target Audience:

Business Process Architect Business Process Owner/Team Lead/Power user Developer Developer Consultant Enterprise Architect System Administrator System Architect Technology Consultant

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### Objectives:

- This course will prepare you to configure business scenarios using NetWeaver Developer Studio
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### Prerequisites:

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  - SAPTEC Fundamentals of SAP Web AS
  - Basic knowledge of Integration Technologies
  - Basic Understanding of XML
  - BIT400
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## Content:

### Introduction to Process Orchestration

- Defining Process Orchestration
- Outlining Business Process Management (BPM)
- Outlining Business Rules Management (BRM)
- Outlining Advanced Adapter Engine Extended (AEX)
- Performing BPM with BRM and AEX

### Business Process Overview and Development Steps

- Configuring NWDS Development Tools
- Discussing BPMN in NWDS
- Outlining Business Processes
- Creating Products
- Sketching the BPMN Process
- Sketching the Purchase Order Process
- Sketching the Distribution Process

### A BPMN Process

- Outlining the Roles and Authorizations of a BPMN Process
- Importing Objects
- Outlining Start and End Events for the PO Process
- Handling Service Interfaces
- Explaining Automated Activities for the PO Process
- Adding Activities to a Business Process
- Calling a Web Service from an Automated Activity

### Data Flows

- Defining Process Context
- Explaining Data Objects
- Creating Data Mappings
- Explaining Gateways
- Applying Data Transformations by Using Functions
- Outlining Notification Activities for PO
- Configuring and Using Reporting Activities for PO

### Deployment and Testing Process

- Building and Deploying a PO Process
- Explaining the Configuration of a PO Process
- Explaining Testing and Monitoring of a PO Process

### The Delivery Process

- Explaining Data Flow Modeling
- Explaining Business Rules Management
- Creating Rules with Rules Composer
- Managing Business Rules with Rules Manager
- Using the WS Navigator and Mock Services

### The Procurement Process

- Sketching a Procurement Process
- Explaining the Use of Split Objects in the Procurement Process
- Explaining Process Modes
- Explaining the Various UIs and Tasks
- Explaining Further Objects in the Procurement Process

### Process Tasks and Monitors

- Managing Process Desk Tasks
- Managing Processes with Application Programming Interfaces (APIs)
- Starting a Process with an SAPUI5 User Interface
- Using BPM Analytics
- Using the Business Process Management (BPM) Inbox

### Connectivity with the Advanced Adapter Engine Extended (AEX)

- Configuring Scenarios in the ESR Browser
- Explaining the Communication between the BPM and AEX
- Explaining the SAP Process Integration Designer
- Monitoring with Process Integration Monitoring (PIMON)
- Testing the Procurement Process with AEX

### The Complete Integration Process

- Configuring Referenced Activities
- Explaining Boundary Events in the Delivery and Purchase Order Process
- Running the Purchase Order Process

### Configuration Tasks and Extensions

- Explaining Special Configuration Tasks in SAP NetWeaver Administrator (NWA)
- Monitoring the Health State of the Application
- Explaining SAP Operational Process Intelligence

## Additional Information:

Course based on software releases SAP Process Integration 7.40

## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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