

## SAP Java Process Integration

**Duration: 5 Days**    **Course Code: BIT500**    **Delivery Method: Virtual Learning**

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### Overview:

Gain knowledge in configuring SAP Java Process Integration and learn how to implement different integration scenarios with SAP and non-SAP applications.

#### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

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### Target Audience:

- Business Process Architect
  - Developer
  - Developer Consultant
  - System Administrator
  - System Architect
  - Technology Consultant
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### Prerequisites:

#### Essential

- BIT100, SAP NetWeaver Integration Technology Overview

#### Recommended

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

### SAP Process Integration Architecture

- Describing SAP Process Integration Architecture
- Explaining the Functionality and Utilization of SAP Process Integration

### The System Landscape Directory (SLD)

- Maintaining Products and Software Components in the System Landscape Directory (SLD)
- Implementing Technical Systems in the System Landscape Directory
- Maintaining Business Systems for Use in the Integration Directory

### Interface Objects in the Enterprise Service Repository (ESR)

- Listing Options for Navigating the Enterprise Services Repository (ESR)
- Analyzing Interface Objects in the Enterprise Services Repository (ESR)
- Maintaining Interface Objects
- Defining Message Processing Types and Quality of Services

### Object Mapping in the Enterprise Service Repository (ESR)

- Creating Message Mapping Objects
- Mapping Between Service Interfaces
- Analyzing Asynchronous Integration Scenarios

### Configuration of Integration Directory Communication Objects

- Using Configuration Views
- Creating Communication Channels in the Integration Directory (ID) Integration Engine (IE) Communication
- Analyzing Routing Objects Used in Integration Engine (IE) Communication
- Analyzing Multiple Receiver Objects Used in Integration Engine (IE) Communication

### Configuration of Integration Directory Objects for Java Processing

- Maintaining Objects for Advanced Adapter Engine (AAE)-Only Processing
- Maintaining Objects for Advanced Adapter Engine Extended (AEX) Message Processing
- Creating and Deploying Integration Flows to the Advanced Adapter Engine Extended (AEX)

### Operations of SAP Process Integration

- Using the Process Integration Monitoring (PIMon) Home
- Using the SAP NetWeaver Administrator

### Connectivity Options for SAP Process Integration

- Analyzing Connectivity Options Between Back-End Systems with SAP Process Integration

### HTTP Connectivity Options

- Configuring the Simple Object Access Protocol (SOAP) Adapter
- Using Proxy Technology
- Checking the HTTP ABAP Adapter
- Using the HTTP\_AAE (Java) Adapter

### File Adapter Configuration

- Configuring a complete Scenario

### Intermediate Document (IDoc) Connectivity Options

- Using the Intermediate Document (IDoc) Adapter with the Receiver Adapter Engine (AAE)
- Configuring a Complete Intermediate Document (IDoc) Scenario

### Configuration of SAP Business Application Programming Interfaces (BAPIs) Connectivity

- Configuring the Receiver Remote Function Call (RFC) Adapter
- Configuring the Sender Remote Function Call (RFC) Scenario

### Enterprise Services and B2B Connectivity

- Analyzing Enterprise Services
- Configuring Business-to-Business (B2B) Connectivity

## 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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