

TBIT40 XI Fundamentals

Course version: 2005/Q1

Course Goals

Understand the core concepts of the SAP Exchange Infrastructure.

Understand the basics of each XI component.

Implement basic and moderately complex business scenarios using XI 3.0, based on real-life use cases.

Target Audience

Technology Consultants responsible for the implementation and operation of SAP XI

Development Consultants responsible for configuration of SAP XI scenarios

Prerequisites

Essential:

none

Recommended:

For Development Consultants:

- BIT100 SAP NetWeaver Process Integration – Overview or equivalent form of knowledge,
- BIT140 Introduction to XML or equivalent form of knowledge

for Technology Consultants:

ADMDS Delta Implementation & Operation SAP Web AS 6.20 - SAP Web AS 6.40 (Java & ABAP) is recommended before joining IB1150 XI Technical Implementation and Operation (Part 2) to gain Java administration know-how

Software Component(s) and Release(s)

XI 3.0

Course Content

Introduction to SAP XI 3.0

System Landscape Directory

Integration Repository

Integration Directory

Runtime

Runtime Workbench

Adapter Framework

Business Process Management

Basic server administration

Security

B2B and Industry Standards

Notes

Course material is available in English only.

To make sure that the course is a success for the course participants, and to ensure that they are able to pass the certification test at the end of IB1151 or TBIT44, it is essential that they carry out independent study after normal completion of the course.

TBIT41 Mapping Concepts

Course version: 2004/Q4

Course Goals

Understand the core mapping concepts of the SAP Exchange Infrastructure.

Understand the graphical message mapping tool in details.

Implement basic and moderately complex mappings using the graphical mapping environment in XI, based on real-life mapping 'patterns'.

Target Audience

Development Consultants responsible for configuration of SAP XI scenarios

Prerequisites

Essential:

TBIT40 XI Fundamentals

Recommended:

BIT100 SAP NetWeaver Process Integration – Overview or equivalent form of knowledge

BIT140 XML Introduction or equivalent form of knowledge

Basic Java programming knowledge

Software Component(s) and Release(s)

XI 3.0

Course Content

Overview - Integration Builder

Mapping - Introduction

- Overview

- Java Mapping

- XSLT Mapping

- ABAP Mapping

Message Mapping

- General concepts

- Standard Functions

- Element Cardinality

- Context handling

- Basic Java usage

- Value mapping

- User-defined functions

Notes

Course length: approx. 4 hours e-learning

In most countries (for example, Germany) access to e-learning is granted when you book the classroom training course that follows on from the e-learning course, as stated in the curriculum. In other words, participation in the e-learning course is included in the price of the classroom training course. In some countries, e-learning is not included in the price of classroom training. Please contact your local training department for more information.

If you have studied this e-learning material in detail, successful participation in the following classroom training course is possible in all cases.

The course material is available in English only. A training system is not available from SAP Education for e-learning.

TBIT42 Adapter Concepts

Course version: 2004/Q4

Course Goals

Understand the core concepts of the adapter engine delivered with SAP XI.

Configure the individual XI technical adapters.

Implement and troubleshoot basic scenarios which rely on adapter technology.

Target Audience

Development Consultants responsible for configuration of SAP XI scenarios

Prerequisites

Essential:

TBIT40 XI Fundamentals

Recommended:

BIT100 SAP NetWeaver Process Integration – Overview or equivalent form of knowledge

BIT140 XML Introduction or equivalent form of knowledge

Basic Java programming knowledge

Software Component(s) and Release(s)

XI 3.0

Course Content

adapters overview ("what are adapters and why do we need them?" - overview of XI adapters in general - adapter strategy)

J2EE adapter engine - architecture + positioning AE, AF, PCK

File adapter

JMS adapter

JDBC

Plain HTTP

IDoc

RFC

SOAP

XI2XI

SMTP + SAPBC adapter

Overview on other adapters (marketplace, RNIF, CIDX, third-party adapters e.g. SEEBURGER and iWay)

CPA Cache

advanced concepts: module processing, adapter metadata...

AF administration + installation

Notes

Course length: approx. 10 hours e-learning

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TBIT42 Adapter Concepts

Course version: 2004/Q4

Course Goals

Understand the core concepts of the adapter engine delivered with SAP XI.

Configure the individual XI technical adapters.

Implement and troubleshoot basic scenarios which rely on adapter technology.

Target Audience

Development Consultants responsible for configuration of SAP XI scenarios

Prerequisites

Essential:

TBIT40 XI Fundamentals

Recommended:

BIT100 SAP NetWeaver Process Integration – Overview or equivalent form of knowledge

BIT140 XML Introduction or equivalent form of knowledge

Basic Java programming knowledge

Software Component(s) and Release(s)

XI 3.0

Course Content

adapters overview ("what are adapters and why do we need them?" - overview of XI adapters in general - adapter strategy)

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TBIT44 Mapping, Business Process Management and Adapters

Course version: 2005/Q1

Course Goals

Implement complex XI scenarios involving the more advanced features of mappings, adapters and BPM

Target Audience

Development Consultants responsible for configuration of SAP XI scenarios

Prerequisites

Essential:

TBIT40 XI Fundamentals

TBIT41 Mapping Concepts

TBIT42 Adapter Concepts

TBIT43 Business Process Management Concepts

Recommended:

BIT100 SAP NetWeaver Process Integration – Overview or equivalent form of knowledge

BIT140 Introduction to XML or equivalent form of knowledge

Basic Java programming knowledge

Software Component(s) and Release(s)

XI 3.0

Course Content

Mapping:

- mapping patterns
- standard functions
- mapping templates
- context handling
- user defined functions

Adapters:

- RFC
- SOAP
- File
- JDBC

BPM:

- collect pattern
- industry use case

TBIT41, TBIT42, TBIT43 und TBIT44

Notes

To ensure that you retain the knowledge gained in this course and for the successful completion of the certification examination, we recommend that you consolidate the content in your own time after the course.

Course material is available in English only.

English ▼

English ▼

English 

English ▼

English 