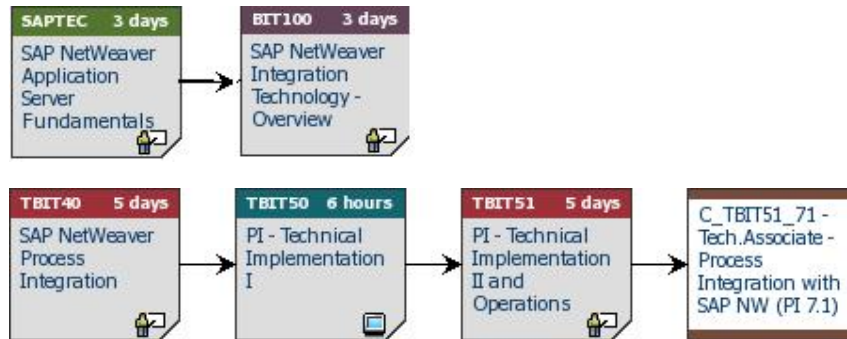


CURRICULUM: TECHNOLOGY ASSOCIATE - PROCESS INTEGRATION 7.1 WITH SAP NETWEAVER

[Curriculum legend](#)



Code
TADMPI

Duration
15 days

Price
7.000 €

Course Goals

The participants will learn to configure scenarios and understand and configure the different options with which a back-end system can be connected to the SAP NetWeaver Process Integration (formerly known as SAP NetWeaver Exchange Infrastructure). Perform the administration and monitoring tasks relevant to the specific components covered in the course. Perform the installation, administration and monitoring of all Process Integration technical components

Target Audience

Consultants and developers who want to set up scenarios with the SAP NetWeaver Process Integration
And to those Technology Consultants responsible for the implementation and operation of SAP NetWeaver Process Integration

Course Based on Software Release

- SAP NetWeaver Process Integration 7.1
- ECC 6.0

Course Content

Fundamentals of SAP NetWeaver Application Server

- Short introduction to SAP NetWeaver
- Navigating in SAP systems
 - Logon and structure of the user interface
 - Accessing functions in the system
 - Personalization options
- SAP NetWeaver Application Server architecture
 - Processing a user query
 - Structure of an instance
 - Work process types, server processes and their use
 - Internet-based technology components:
- Overview of the SAP development environment
 - Creating and editing Repository objects
 - Transports between SAP systems
- Communication and integration technologies
- Introduction to SAP system administration

SAP NetWeaver Integration Technology – Overview

- Areas of use and properties of the different integration technologies
- Relationships between the integration technologies, web services, ALE, BAPI, Process Integration, Web Application Server
- Basis communication technologies: IDoc, RFC, HTTP, SOAP
- Integration via Process Integration using Integration Server and/or Business Process Management
- Integration using Web Services and Enterprise SOA

SAP NetWeaver Process Integration

- Architecture and components of the SAP NetWeaver Process Integration
- Configuration and runtime behavior of synchronous and asynchronous scenarios
- Connecting back-end systems using proxies and adapters
- Overview of mapping
- Overview of cross-component Business Process Management (ccBPM)
- Outlook to SAP NetWeaver Process Integration in the context of Enterprise SOA

PI - Technical Implementation I (On-line training – 6hs)

- XI technical architecture overview
- Exchange Profile
- Runtime Workbench
- Integration Business Administrator
- PI Software Logistics
- Network Considerations
- Operations
- PI tuning

PI - Technical Implementation II and Operations

- Process Integration architecture review
 - Enterprise Services Repository
 - Integration Director
 - System Landscape Directory
- Process Integration Installation and patching

- Process Integration preparation and installation
- Post-installation and configuration
- Patching

- User management and connections + security
 - User Management
 - Security

- Integration Engine
 - Integration Engine XML processing
 - Integration Engine Configuration
 - Performance Optimization

- Monitoring
 - CCMS
 - Runtime workbench
 - NetWeaver administrator

- Use case: msg troubleshooting
- AF Administration
- Certification test Technology Consultant SAP NetWeaver - Exchange Infrastructure & Integration Technology covering the content of TBIT40/BIT400, TBIT50 and TBIT51