

SAP Java Process Integration



Przeznaczenie szkolenia

This course is suitable for:

- Application Consultant
- Developer
- Development Consultant
- Enterprise Architect
- Project Manager
- Solution Architect
- Super/Key/Power User
- System Administrator
- System Architect
- Technology Consultant



Korzyści wynikające z ukończenia szkolenia

- This course will prepare you to:
 - Explain the use of SAP Process Integration and the path to SAP Process Orchestration (AEX, BPM and BRM)
 - Explain SAP Process Integration architecture
 - Configure JAVA scenarios
 - Explain Mapping concepts
 - Configure different options to connect a back-end system to the SAP Process Integration JAVA.



Opis egzaminu



Oczekiwane przygotowanie słuchaczy

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Język szkolenia

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Szkolenie obejmuje

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Czas trwania

5 dni / 38 godzin

Agenda szkolenia

- SAP Process Integration Architecture
 - Explain the Enterprise Service Bus
 - Explain SAP Process Integration architecture
 - Navigate to the Enterprise Services Repository (ESR)
 - Navigate to the Integration Builder
 - Configure the Integration Designer in Eclipse
 - Explain SAP Process Orchestration and the Advanced Adapter Engine (AEX)
- The System Landscape Directory (SLD)
 - Use product and software component terminology
 - Create products and software components in the System Landscape Directory (SLD)
 - Import software components from the System Landscape Directory (SLD) into the Enterprise Service Repository (ESR)
 - Implement technical systems in the System Landscape Directory (SLD)
 - Maintain the SAP NetWeaver Application Server for Java and ABAP in the System Landscape Directory (SLD)

- Create third-party technical systems in the System Landscape Directory (SLD)
- Maintain Business Systems in the System Landscape Directory (SLD)
- Import a business system into the SLD
- Interface Objects in the Enterprise Service Repository (ESR)
 - Use the Enterprise Services Browser in SAP Integration Designer Perspective in Eclipse
 - Access the ESR objects
 - Search the ESR objects
 - Display data types
 - Create message types
 - Create interface objects
 - Import interface objects into the ESR
 - Define the QoS and message processing types
- Object Mapping in the Enterprise Service Repository (ESR)
 - Display a message mapping
 - Create message mappings
 - Create an operation mapping in the ESR
- Configuration of Integration Directory (ID) Communication Objects
 - Explain configuration views
 - Create a communication channel
- Configuration of Integration Directory Objects for Advanced Adapter Engine Extended Processing
 - Create an AEX integration flow
 - Validate XML
- SAP Process Integration Operations
 - Access SAP Process Integration Monitoring
 - Use the SAP NetWeaver Administrator functionality
 - Explain the difference between logging and staging
 - Configure the logging and staging behavior
- Connectivity Options for SAP Process Integration
 - Use different adapters
- HTTP Connectivity Options
 - Use the HTTP_AAE (Java) adapter
 - Configure the SOAP sender adapter
 - Configure the SOAP receiver adapter
 - Use the proxy configuration
 - Use the server proxy
 - Use the client proxy
 - Analyze the proxy configuration
 - Use web services
 - Create a web service based on proxy technology
- File Adapter Configuration
 - Configure the receiver File/FTP adapter

- Configure the sender file adapter
- Intermediate Document (IDoc) Connectivity Options
 - List the benefits of the IDOC_AAE
 - Use the functionality options on the Remote Function Call (RFC) parameters tab
 - Use the Intermediate Document (IDoc) functionality options on the modules tab
 - Use the functionality options of the advanced tab
 - Configure the receiver IDoc_AAE adapter
- Configuration of SAP Business Application Programming Interfaces (BAPI Connectivity)
 - Check RFC signatures
 - Configure the receiver RFC adapter
 - Configure the sender RFC scenario in SAP Process Integration
 - Execute communication through the sender RFC adapter
- Other Connectivity Options
 - Explain other connectivity options
 - Use the REST adapter
 - Expose a function module as RESTful service
 - Consume a synchronous RESTful service
- Advanced Mapping Concepts
 - Explain message-mapping structures and elements
 - Explain queues in message mapping
 - Explain the impact of context selection and deletion
 - Use the message-mapping debug process
 - Create user-defined message-mapping functions
 - Map multiple messages
 - Import and use XSLT mappings