SAP Java Process Integration

- 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