SAP - SAP Integration Technology Overview

Code: BIT100-v016
Length: 3 days
URL: View Online

Skills Gained
- This course will prepare you to:
  - Explain scenarios and processes in SAP NetWeaver process integration
  - Identify the technical communications modes and processes
  - Explain business scenarios and the business hierarchy used by

Who Can Benefit
- Developer
- Developer Consultant
- Application Consultant
- Help Desk/COE Support
- Industry/Business Analyst Consultant
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Enterprise Architect
- Program/Project Manager
- Solution Architect
- System Architect
- System Administrator
- Technology Consultant
- User
- End User

Prerequisites
- Essential:
  - SAP01 SAP Overview and
  - SAPTEC Fundamentals of SAP Web AS
- Recommended:
Course Details

Course Content

- **Integration Basics**
  - Explain scenarios and processes in SAP Process Integration
  - Identify the technical communications modes and processes
  - Identify the types of communication transfer modes
  - Explain business scenarios and the business hierarchy used by SAP

- **Classical System-to-System Communication**
  - Call an RFC between two SAP systems
  - Execute a Synchronous Remote Function Call (sRFC)
  - Call an RFC in a non-SAP system
  - Test BAPIs
  - Display IDoc documentation
  - Describe the procedure and characteristics of outbound IDoc processing
  - Describe the procedure and characteristics of inbound IDoc processing

- **Web Services**
  - Locate HTTP communication information
  - Process HTTP requests
  - Verify the HTTP configuration settings
  - Describe the structure of a SOAP message
  - Describe the use of SOAP
  - Display SOAP runtime
  - Analyze different web services
  - Test a web service
  - Describe inside-out and outside-in web services
  - Describe SOA and SOA access
  - Access the Service Registry
  - Describe the service life cycle

- **Integration Technologies: On-Premise Process Integration (Design Time)**
  - Describe integration middleware tools
  - Evaluate whether to install a dual stack or a single stack
  - Enable security when transferring information
  - Display components in the System Landscape Directory (SLD)
  - Display integration scenarios and software components in the ESR
  - Design a process integration scenario
  - Create business and technical systems in the SLD
  - Configure an integration scenario
  - Display configuration objects in the integration directory
Integration Technologies: On-Premise Process Integration (Runtime)
- Locate and test proxies in SAP systems
- Create file adapters
- Execute configuration objects
- Trace messages

Integration Technologies: On-Premise Process Orchestration (PO)
- Explain Business Process Management (Business Process Management)
- Explain Process Orchestration (PO)
- Explain Advanced Adapter Engine Extended (AEX)
- Explain Business Rules Management (BRM)

Integration Technologies: On Demand
- Explain SAP HANA Cloud Integration
- Describe Eclipse-based access
- Use the Web UI to access SAP HANA Cloud Integration

SAP Gateway
- Describe SAP Gateway
- Explain the SAP Gateway architecture
- Access an OData service

Notes
- This is an overview course, which gives basic information about the most relevant integration technologies.

Course based on software release
- SAP NetWeaver 7.5 / SAP NetWeaver PI 7.5 / SAP Process Orchestration 7.5