

## ABAP Administration (Basis)

Course Code: ADM100

Duration: 3 Days

### Goals

- Implementation of basic administrative tasks in a production environment
- Provides a solid foundation for SAP NetWeaver Application Server ABAP administration.

### Audience

- System Administrator
- Technology Consultant
- (Technical) Project Manager

### Prerequisites

### Essential

- SAPTEC
- Basic knowledge of operating systems and databases

### Content

- Fundamentals
  - Describing the Process of a System Logon (ABAP)
  - Configuring SAP Logon
  - Setting up and Using Logon Groups in AS ABAP
  - Operating Analysis Transactions
- SAP Start and Stop Procedure
  - Describing the Process of the Start Procedure of an SAP system
  - Describing the General Start Process for an SAP NetWeaver AS ABAP
  - Starting and Stopping SAP Systems
  - Analyzing the AS ABAP Logs at a failed system start
  - Scheduling downtimes
- SAP System Configuration
  - Analyzing System Profile Parameters
  - Setting up Profile Parameters
  - Configuring Operation Modes
- Fundamentals of Working with the Database
  - Describing the Architecture of Database Systems
  - Operating the Central Database Administration with the DBA Cockpit
  - Monitoring the Database
  - Describing the Fundamentals of SAP Data Archiving
- Fundamentals of User Administration
  - Creating Users and User Groups
  - Maintaining Authorization Roles
  - Maintaining Login Parameters and User Info
  - Describing Advanced User Administration Topics
- RFC Connections
  - Demonstrating the Fundamentals and Variants for Using RFC
  - Setting up Remote Connections
- Software Maintenance
  - Implementing SAP Notes and SAP Support Packages
  - Preparing for Software Maintenance
  - Operating the Support Package Manager (SPAM) and Software Update Manager (SUM)
  - Applying SAP Support Packages

- Outlining the Concept and Architecture of SAP Enhancement Packages
- Output Management
  - Configuring Printers in AS ABAP
  - Managing Spool Requests
  - Defining the Printing Assistant for Landscapes (PAL)
- Background Tasks Schedules
  - Learning the Fundamentals of Background Processing
  - Defining Time-based scheduled Jobs
  - Defining Event-based scheduled Jobs
- Describing Further Topics of Background Processing
- Scheduling Jobs with SAP Central Process Scheduling by Redwood
- Outlining the Work Center Concept in SAP Solution Manager
- System Monitoring and Troubleshooting
  - Explaining the Monitoring Architecture
  - Monitoring SAP Systems
  - Monitoring Using the SAP Solution Manager
  - Utilizing Traces and Protocols
  - Developing a Troubleshooting Procedure