

Module Title : ADM100: AS ABAP - Administration

Duration : 5 days

Course Announcements

- Based on the fundamental understanding of SAP NetWeaver Technology you gained in the course SAPTEC, ADM100 introduces you to many different tasks that you will encounter as a person technically responsible for SAP systems based on SAP NetWeaver Application Server ABAP ("AS ABAP"). After attending ADM100 you will have acquired knowledge and hands-on experience to "keep the system running".
- The course will not only provide lots of practical "how to" knowledge but will also give you some insight into the "inner working" of AS ABAP- based SAP systems.
- Understanding the concepts and principles of the functions you are introduced to, will improve the efficiency of your day-to-day work and also prepares you for gaining detailed knowledge in more specialized tasks and topics.
- For the topics covered by ADM100 please check the course content list.

Audience

- Program / Project Manager
- System Administrator
- Technology Consultant

Prerequisites

Essential

- Basic knowledge of operating systems and databases
- SAPTEC

Course based on software release

- SAP NetWeaver 7.4 SP04

Content

Fundamentals

- Explaining the Architecture of SAP NetWeaver Application Server
- Describing the Process of a System Logon (ABAP)

- Configuring SAP Logon
- Setting up Logon Groups in AS ABAP
- Operating Common System Administration Tasks

SAP Start and Stop Procedure

- Outlining the Start Procedure of an SAP System
- Outlining the Start Process of the 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
- Maintaining Profile Parameters
- Configuring Operation Modes

Fundamentals of Working with the Database

- Outlining the Architecture of Database Systems
- Operating the Central Database Administration with the DBA Cockpit
- Monitoring the Database

Fundamentals of User Administration

- Creating Users and User Groups
- Maintaining Authorization Roles
- Maintaining Login Parameters and User Info
- Outlining 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
- Setting Up Printing Assistant for Landscapes (PAL)

Background Processing

- Outlining the Fundamentals of Background Processing
- Scheduling Time-Dependent Jobs
- Scheduling Event-Dependent Jobs
- Operating Special Functions in Background Processing
- Scheduling Jobs in the Work Center in SAP Solution Manager

System Monitoring and Troubleshooting

- Explaining the Monitoring Architecture
- Monitoring SAP Systems
- Monitoring with SAP Solution Manager
- Developing a Troubleshooting Procedure
- Troubleshooting with Traces and Protocols

Related Curricula

- SAP System Administration - AS ABAP General
- SAP System Administration - Monitoring
- SAP System Administration - Performance
- SAP System Administration - SAP ERP (component SAP ECC)