

[ADM100]: System Administration I for SAP S/4HANA and SAP Business Suite

Length : 5 Days
Delivery Method : Instructor-led (Classroom)

Course Overview

Are you responsible for the smooth operations of the SAP systems? The course delivers fundamental knowledge you need to keep the system running. You will get acquainted with a broad spectrum of administrative activities for AS ABAP based SAP Systems. After completing this course you will be prepared to carry out administrative tasks for SAP Business Suite as well as for SAP S/4HANA, as the technological platform, AS ABAP is common for both. During these five days you will learn to start and stop SAP systems and how to configure them, how to manage users and create backups or prepare for a system-maintenance and more. Throughout the training you will work with administrative rights on the operation system as well as in the SAP system.

Goals

This course will prepare you to:

- Explain the Architecture of SAP NetWeaver Application Server
- Describe the Procedure of a System Logon (AS ABAP)
- Learn about the SAP system Configuration
- Describe the Architecture of Database Systems
- Explain the User Administration Fundamentals
- Explain the Monitoring Architecture and the troubleshooting

Audience

- System Administrator
- System Architect
- Technology Consultant

Pre-Requisites

Essential

- SAPTEC SAP NetWeaver Application Server - Fundamentals
- Basic knowledge of operating systems and database"

Recommended

None

Course based on software release

AS ABAP 7.51

SAP S/4HANA 1610

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Course Outline

Module 1: Fundamentals

Lessons

- Basic Architecture of SAP NetWeaver AS
- Process of a System Logon (AS ABAP)
- Configuring SAP Logon
- Logon Groups in AS ABAP
- Appendix - Analysis Transactions

Module 2: Starting and Stopping

Lessons

- System Start Process
- Tools for Starting and Stopping SAP Systems
- System Start: AS ABAP Logs

Module 3: Introduction to System Configuration

Lessons

- How the System Evaluates Its Parameters
- How Profile Parameters Are Set
- Setting Up Operation Modes
- Working with Tasklists

Module 4: Working with the Database

Lessons

- Architecture of Database Systems
- Central Database Administration with the DBA Cockpit
- Outlook: Monitoring the Database
- Appendix: Fundamentals of SAP Data Archiving

Module 5: User Administration

Lessons

- User Administration Concept
- Authorization Concept
- Login Parameters and User Info
- Appendix: Advanced User Administration Topics

Module 6: RFC Connections

Lessons

- Fundamentals and Variants for Using RFC
- Setting Up RFC Connections

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Module 7: Software Maintenance**Lessons**

- SAP Notes and SAP Support Packages
- Preparation for Software Maintenance
- Support Package Manager (SPAM) and Software Update Manager (SUM)
- Importing SAP Support Packages
- SAP Enhancement Packages

Module 8: Output Management**Lessons**

- Configuring Printers in AS ABAP
- The Concept of Logical Spool Servers
- Managing Spool Requests
- Printing Assistant for Landscapes

Module 9: Background Processing**Lessons**

- Fundamentals of Background Processing
- Time-Based Job Scheduling
- Event-Based Job Scheduling
- Background Processing: Other Topics
- Appendix: Job Management

Module 10: System Monitoring and Troubleshooting**Lessons**

- Monitoring Architecture
- SAP Solution Manager Monitoring - Introduction
- Traces and Logs
- Troubleshooting Procedures

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