

SAP ABAP Platform Fundamentals

Course Description:

This course provides a comprehensive introduction to the SAP ABAP Platform, covering its architecture, key components, integration, and maintenance strategies. Participants will gain an understanding of the SAP technology landscape, including system interactions, client-server architecture, user interfaces, and transport management. The course also explores essential integration techniques and maintenance strategies to ensure efficient system performance and lifecycle management.

Audience Profile:

This course is designed for:

- SAP Developers and Technical Consultants
- System Administrators and IT Professionals working with SAP systems
- Business Analysts and Functional Consultants seeking an understanding of SAP ABAP Platform
- Individuals interested in SAP technology and application development

Prerequisites:

Participants should have:

- Basic knowledge of enterprise software systems
- Familiarity with database and application concepts
- A general understanding of programming fundamentals (beneficial but not required)

Course Objectives:

By the end of this course, participants will be able to:

- Explain SAP's software application strategy and client-server architecture
- Understand the structure and functionality of the ABAP platform
- Navigate SAP front-end technologies, including SAP GUI, Business Client, and Fiori
- Describe SAP integration and communication technologies, including RFC, Web Services, and OData
- Understand the role and management of clients in SAP systems
- Explore SAP system landscapes, transport requests, and the transport process

- Understand SAP maintenance strategies and product lifecycle management

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Unit 1: Introducing SAP Technology

- Explaining SAP Software Application Strategy
- Discussing the SAP Three-Tier Client-Server Architecture

Unit 2: Exploring SAP ABAP Platform

- Defining the Application Layer
- Defining the ABAP Platform Landscape
- Exploring ABAP Application Processing

Unit 3: Working with the SAP System and the User Interface

- Exploring SAP Front-End Technologies
- Introducing the SAP GUI
- Introducing the SAP Business Client
- Introducing SAP Fiori

Unit 4: Describing SAP Integration and Communication Technologies

- Describing Cross-System Business Processes and the SAP Remote Function Call (RFC)
- Exploring the Concept of Web Services and the SAP ICF
- Discussing the SAP Gateway and OData Services

Unit 5: Using Clients in SAP Systems Based on ABAP Platform

- Introducing the Concept of Clients
- Outlining Different Client Roles

Unit 6: Exploring the SAP ABAP System Landscape and Transport Requests

- Exploring the Data Structure of SAP Systems Based on ABAP Platform
- Comparing Landscape Options
- Introducing Transport Requests and the Transport Process

Unit 7: Exploring SAP Maintenance and the SAP Release Strategy

- Introducing the SAP Application Lifecycle
- Discussing SAP Maintenance and Maintenance Strategy
- Introducing SAP Maintenance Planning
- Explaining the SAP Product Availability
- Accessing the SAP Support Portal Notes Database