

SAP ABAP Contents

SAP Overview

- Introduction to SAP
- Introduction to ERP
- SAP R/3 Architecture
- Software Oriented View
- Implementation lifecycle overview- Business Blueprint, Gap Analysis, Business Process Re-Engineering.

Introduction to ABAP

- Characteristics of ABAP
- Workbench Architecture
- Introduction to Data Dictionary
- Repository Information
- ABAP Statements
- Creating Programs and Changing Programs
- Processing Blocks in ABAP

Components of ABAP Dictionary

- Data Elements
- Domains
- Tables
- Structures
- Views
- Search Help Object
- Lock Objects

Internal Tables

- Types of Internal Tables
- Creating and Processing Internal Tables
- Joins

ABAP Programming Language

- Data Types
- Input/output Statements
- System Fields
- Conditional Statements
- Loops
- Field Symbols.

Modularization

- Macros
- Include Programs
- Sub Routines
- Function Modules
- Type pools

Debugger

- Breakpoints in program
- Debugging Techniques in ABAP

Object Oriented ABAP

- Classes
- Polymorphism
- Inheritance
- Interfaces
- Exceptions
- Events

Report Programming

- Classical
- Interactive
- ALV
- Selection Screen

Dialog Programming

- Screen Painter
- Flow Logic
- Layout
- MenuPainter

Performance Tuning

- Types of Program analysis
- Static Checks
- Short Dump Analysis
- Performance Tools Runtime Analysis SQL Trace

Data Migration

- Data Migration reports
- Batch Data Communication (BDC)
- Legacy System Migration Workbench (LSMW)

Forms

- SAPscript
- Smartforms

Enhancements

- User Exit
- Customer exits
- Business Add Ins

Concepts of:

- Business Application Programming Interfaces (BAPI)
- Remote Function Calling (RFC)
- Application Link Enabling (ALE) /Intermediate Document (IDOC)

Special Classes

- WebDynpro/ Workflow

Assignments and Projects

Live Project