

ASPIRE TECHNOLOGY

ISO 9001: 2015 Certified Training Institute

SAP ABAP/4

Duration: 60 hours

Batches: Weekdays/ Weekend

Introduction to SAP & R/3 Architecture

- What is SAP?
- History & Features of SAP
- SAP R/2 Architecture (Limitations of R/2 Architecture)
- SAP R/3 Architecture (Types of work processes)
- SAP R/3 Application Modules
- SAP Landscape.
- Break-Point(Static, Dynamic)
- Watch-Point
- Sub objects in ABAP Editor
- SQL Statements
 - Open SQL
 - Native SQL
- Selection-Screen Introduction
 - Selection-screen Statement
 - Parameter Statement
 - Select-options Statement

Introduction to ABAP/4

- What is ABAP?
- Logon to SAP Environment
- Transaction Codes
- Transport Organizer
- Package
- Write Statements
- System Variables
- ABAP Programming Language
 - Data Types
 - TYPE Keyword
 - DATA Keyword
- Programming Structure
 - Work area
 - Internal Table
 - Structure Etc.
- ABAP/4 Editor (SE38)
- Steps for Creating a Program
- Flow Of Data in R/3 Architecture
- Debugging
- Message Handling
- Introduction to Inner Join & For All Entries In
- Modularization Techniques
 - Subroutine
 - Function Module
 - Include
 - Field-Symbol
 - Macro
- String Operations
- Control-Break Statements

ABAP/Data Dictionary (DDIC)

- Introduction to Data Dictionary Introduction
- Sub objects of Data Dictionary
 - Database Table
 - View
 - Data Type

- Type Group
- Domain
- Search Help
- Lock Object
- Structure
- Primary Key And Foreign Key
- Table Maintenance Generator
- Sub screen
- Table Control
- Tab Strip Control
- Table Control (Wizard)
- Single/Multiple Field Validation
- LUW (Logical Unit Work)

Business Flow

- MM, SD, PP, FI, CO, HR

ABAP Reports

- Classical Reporting
- Interactive Reporting
- ALV Reporting
 - Classical ALV
 - Interactive ALV
 - Blocked ALV
 - Hierarchical ALV
- LDB (Logical Database) Reporting
- SQL Query

ABAP Transaction

- Introduction to Module-Pool/Dialog Programming
- Components of Screen
- Events In Module Pool
 - Process Before Output (PBO)
 - Process After Input (PAI)
 - Process On Value-Request (POV)
 - Process On HELP-Request (POH)
- Dynamic Screens
 - Leave Screen
 - Leave To Screen
 - Call Screen
 - Set Screen
- Elements in Screen Layout

Batch Data Communication

- Introduction to BDC Technique
- BDC Methods
 - Session Method
 - Call Transaction Method (CTM)
- Legacy System Migration Workbench
 - ▶ Methods
 - Batch Input Recording (Session)
 - IDOC
 - BAPI
 - Direct Input Method
- BDC With Table Control
- File Handling
 - Application Server
 - Presentation Server

SAP Scripts

- Introduction to SAP Scripts
- Components of SAP Scripts
- Function Module In Scripts
- Crating Driver Program
- Logo/Graphics in Scripts
- Modifying Standard SAP Scripts

Smart Forms

- Introduction to Smart Forms
- Smart Forms Architecture
- Smart Style
- Component of Smart Forms

- Creating Print Program
- Differences Between Smart Forms & Scripts

Cross Applications

- Introduction to Distributed Environment
- Introduction to Cross Applications

ALE (Application Linking Enabling)

- ALE Overview
- ALE Architecture
- Logical System

IDOC (Intermediate Document)

- Introduction to IDOC
- Component of IDOC

- Creating
 - Message Type
 - Model View / Customer Distribution Model
 - PORT
- Generate Partner Profile
- Assigning IDOC Type to Message Type
- Types of IDOCs
 - Standard IDOC
 - Custom IDOC
 - Extended IDOC

Enhancement

- Introduction to Enhancement
- Types of Enhancement
- Overview User-Exits & Customer-Exits
- Types of User-Exits & Customer-Exits