SAP-ABAP

SAP Overview

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

Additional valuable contents:

- ❖ Knowledge of working environment between onshore and offshore team to understand the scenario of any project.
- ❖ Knowledge of different servers (i.e. production, development and quality).
- ❖ Knowledge of transport request for development tasks (i.e. how to create and release transport request).
- ❖ Basic knowledge of functional area (SD, MM) to enhance our business development areas.

Introduction to ABAP

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

Components of ABAP Dictionary

- Data Element
- Domain
- Tables
- Structures
- Views
- Search Help Objects
- Locks Objects.

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INTERNAL TABLES

- Types of internals Tables
- Creating and processing of internal tables
- Joins

ABAP PROGRAMMING LANGUAGE

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

MODULARIZATION

- Includes Programs
- Sub Routines
- Function Modules
- Types Pools

DEBUGGER GENERAL LEDGER CONFIGURATION

- Breakpoints in Programs.
- Debugging Techniques in ABAP

Reports/Driver Program

- Events Report Programming
- Classical
- Interactive
- ALV
- Selection Screen

DIALOG PROGRAMMING

- Screen Painter
- Flow Logic
- Layout/ Creating Tab Strip Control/ Table Control.
- Menu Painter

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PERFORMANCE TUNING

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

Data Migrations

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

Forms

- SAP scripts
- Smart forms

Enhancements

- User Exit
- Customer Exit
- Business ADD ins

Objects Oriented ABAP

- Classes
- Polymorphism
- Inheritance
- Interfaces
- Exceptions

Concepts Of:-

- Business Application Programming Interfaces (BAPI)
- Remote Function Calling (RFC)
- Application Linked Enabling (ALE)/ Intermediate Documents
- Document (IDOC) Special Classes.

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Real Time Scenarios

- Day to Day Tickets resolving
- Implementation Overview
- Role of ABAPER in Cutover Strategy
- Support and Maintenance Process
- Real Project Specific Documentation

  Development List
  Functional Specification documents
  Technical specification documents
  Master Data Templates
  Transactional Data Templates

- Important Tables information
- Significance of SAP Service Market Place
- Request Transport Process
- Interview Questions

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