

IT HUNTER SOLUTIONS

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SAP BODS

FOUNDATION

- Data Base concepts.
- Different types of databases.
- Objects in databases.
- SQL for accessing and manipulating databases.
- SQL & PL/SQL
- What is a Data Warehouse
- OLTP & OLAP systems

FOUNDATION

- Introduction to SAP
- Different system in SAP
- Scope in the current market
- SAP Net weaver architecture
- Business processes in the SAP Business Suite.
- SAP ERP (Enterprise Resource Planning), SAP Customer Relationship Management, SAP Supply Chain Management, SAP Supplier Relationship Management, SAP Product Lifecycle Management

INTRODUCTION TO BODS

- About SAP's Data warehouse-SAP BW
- SAP BW functions, Benefits & Limitations
- About Business Objects & their Products
- Why SAP Acquired Business Objects
- Data Centric Vs Process Centric DWH system.

SAP DATA SERVICES OVERVIEW

- About Data Services - Introduction
- Functions - Data Integration & Data Management
- Data Services Product Evolution(ATL, DI & DQ)
- Architecture – by Components

- Data Services Tools & its functions
- Data Services Objects & Objects Hierarchy
- BODS Objects Naming standards
- BODS Objects comparison with SAP BW Objects

DATA SERVICES - BASIC LEVEL

- Repository Manager-BODS Repository
- Repository Types- Local, Central, Profile
- Repository Creation & Up gradation
- Server Manager-Job Server(JS) & Access Server(AS)
- JS & AS Creation, Job Server-Repository Assignment
- Management Console – Introduction & Components
- Data Service Designer – Introduction & GUI
- Getting Started with Designer to Develop First ETL Flow

DATASTORE & FORMATS:

- Data store-Overview & Types
- Data store Creation - DB,SAP, Adopter, Web Service
- Formats – Flat files, Excel, DTD, XSD, COBAL Copybooks
- Data Extraction from Database Tables
- Data Extraction from Excel Workbook – Multiple Sheets
- Data Extraction from Flat files (CSV, Notepad, SAP Transport)
- Data Extraction from XML File (DTD, XSD)
- Data Extraction from COBOL Copybooks
- Data Distribution to Flat File & XML
- Dynamic Extraction – Files Selection & Sheet Selection

DATA SERVICES - TRANSFORMS:

- Transforms & Categories (DI, DQ, PF)
- Data Integration – Data_Transfer, Date_Generation
- Data Integration – Effective_Date, Hierarchy_Flattening
- Data Integration – History_Preserving, Key_Generation
- Data Integration – Pivot, Reverse_Pivot, XML_Pipeline
- Platform – Case, Map_Operation, Merge, Query
- Platform – SQL, Validation Custom ABAP Transform

DATA SERVICES – ADVANCE LEVEL

- BODS Admin Console – Administration, Auto Reporting.
- Real time Jobs, Embedded Data Flows
- Variables, Parameters, Substitution Parameters, System Config.
- Debugging, Recovery Mechanism
- Data Assessment – Data Profiling
- BODS Performance Tuning Techniques

- Multi-User Development Environment - Intro & Advantages
- Multi-User Environment Implementation & Migration
- BODS Object Migration Techniques

DATA SERVICES – SAP SYSTEMS HANDLING

- SAP System – Intro, SAP System allowed, Terminology
- SAP BODS and SAP ERP / SAP BI Integration
- SAP BODS User & Role creation in SAP
- SAP ERP – Data Flow, Interfaces, Objects allowed to BODS
- Creation SAP Application Data store – Properties
- SAP ERP – Tables & Hierarchies Data Extraction
- SAP ERP – Getting RFC enabled Functions Modules
- SAP ERP – IDOC Data Extraction & IDOC Data Loading
- SAP ERP - Extraction Flat file data from SAP APP Server
- SAP BW - Data flow, interfaces, Objects allowed to BODS
- Creating SAP BW Source and SAP BW Target Datastores
- SAP BW – Extracting Data from SAP BW infoproviders – OHD
- SAP BW – Extracting Data from SAP BW Bases tables- /BIC/
- SAP BW – Loading Data to SAP BW infoproviders(MD & TD)
- SAP BW – BW Jobs Execution

SAP BOBJ RAPID MARTS:

- Rapid Marts – Introduction, Advantages, Limitations
- Total Rapid Marts SAP offering, Rapid Marts for SAP Solution
- Rapid Marts – Versions, Dataflow, Content
- Why and Whom to go for Rapid Marts implementation?
- Rapid Marts implementation Out of Box:
 - Environment Checklist
 - Recommend for Upgradation
 - Environment setup (Pre installation phase)
 - Installation of RM(Data Model, ETL, Visuals)
 - Configuration of RM (ETL, Visuals)
 - RM File and Custom ABAP Transform Maintenance
 - Rapid Mart directory Maintenance
- Rapid Marts Testing - Sample Data Loads, Testing Reports
- Rapid Marts Recovery Mechanism – For Delta Loads
- Rapid Marts implementation – Customization (as per Req.)
 - Data Model Customization
 - ETL Customization
 - Visuals Customization
- Rapid Marts Performance Tuning Techniques (Standard)
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