

ERP SAP Basis

Course Content



Introduction

- ✚ SAP Capability address to the JSE
- ✚ SAP Practice Overview
- ✚ Course Overview
- ✚ Basics of SAP system

ERP SAP Basis technology overview - I

- ✚ Definition of SAP Net Weaver
- ✚ Overview on SAP Release Strategy
- ✚ Overview Architecture of the SAP Web Application Server
- ✚ SAP Business framework architecture
- ✚ Communication interfaces available with the SAP system, Client Server principles
- ✚ Client server scalability of the SAP system
- ✚ Introduction to ERP SAP Basis layer System Kernel, SAP Application services
- ✚ Installation of SAP system

ERP SAP Basis technology overview - II

- ✚ System Start: Process
- ✚ System Start: Logs
- ✚ System Shutdown: How and Why
- ✚ Starting and Stopping Under Other Operating Systems
- ✚ SAP transactions
- ✚ Lock Management in SAP Systems
- ✚ Work Process
- ✚ SAP Buffers

ERP SAP Basis technology overview - III

- ✚ System Start: Process
- ✚ System Start: Logs
- ✚ System Shutdown: How and Why
- ✚ Starting and Stopping Under Other Operating Systems
- ✚ SAP transactions
- ✚ Lock Management in SAP Systems

- ✦ Work Process
- ✦ SAP Buffers

ERP SAP Basis technology overview - IV

- ✦ Background processing
- ✦ Fundamentals of Background Processing
- ✦ Time-Based Scheduling of Jobs
- ✦ Event-Based Scheduling of Jobs
- ✦ Job Scheduling: Extending the Standard
- ✦ Update and Lock processing, Spool and print services

Installation Exercises

- ✦ Overview on SAP System Landscape
- ✦ Client Concept
- ✦ System and Client Change Options
- ✦ Client Copy and Transport Tools
- ✦ Client creation and client administration,
- ✦ Different options of client copy, Client deletion
- ✦ Exercise

Printer Setup

- ✦ Configuring Printers
- ✦ Concept of Logical Spool Servers
- ✦ Managing Spool Requests
- ✦ Exercise

Oss Notes - Overview and ABAP Workbench

- ✦ Introduction to ABAP/4 workbench & tools
- ✦ Introduction to ABAP Objects

SAP Security

- ✦ Overview of SAP Security
- ✦ Concept of Client and how SAP security works
- ✦ Roles & Profiles,
- ✦ User Creation & Maintenance
- ✦ Assigning Roles and responsibilities to Users
- ✦ Roles & Profile Administration
- ✦ Different types of users
- ✦ Setup of CUA
- ✦ Managing Central users and distributing the same to different clients
- ✦ Overview on SOD ,Virsa .
- ✦ Exercises: Case Study - SAP security

TMS - Overview and Configuration - I

- ✦ Change management
- ✦ Transport Process
- ✦ Imports Using TMS

- ✦ Transport Directory Structure and Files
- ✦ The Transport Control Program
- ✦ Import Process
- ✦ Troubleshooting Transports
- ✦ Exercises

TMS - Overview and Configuration - II

- ✦ Setting up the Transport system
- ✦ Advanced Transport Management
- ✦ Performing Transports and Error Analysis
- ✦ Exercises

SAP Administration

- ✦ Memory management
- ✦ Buffer tuning
- ✦ Exercises
- ✦ Work Processes setup
- ✦ System Parameter setup
- ✦ Kernel Upgrades, support packages, add-ons
- ✦ Exercises

Database Management - Oracle - I

- ✦ Database activities using sapdba
- ✦ Database activities using brtools
- ✦ Managing tablespaces
- ✦ Backup & restore, Exercises

Database Management - Oracle - II

- ✦ Oracle Optimizer – Overview
- ✦ Update statistics
- ✦ Database Reorganization
- ✦ DB Parametrs
- ✦ Database System Check
- ✦ Housekeeping and Troubleshooting
- ✦ Oracle Patching
- ✦ Exercises

System Management

- ✦ System Traces and Audit info system
- ✦ System Logs and Dump analysis
- ✦ CCMS
- ✦ System Evaluates its Parameters
- ✦ How to Set System Parameters
- ✦ Setting up Operation Modes
- ✦ Fundamentals and Types of RFC
- ✦ Setting Up RFC Connections
- ✦ Definition Support Packages
- ✦ Importing Support Packages

- ✦ Importing SAP Notes
- ✦ Overview on EHP
- ✦ Exercises

Java

- ✦ Concepts of Java
- ✦ Overview Java Cluster Architecture
- ✦ Structure of SAP Web AS Java
- ✦ Overview of the Process for Starting and Stopping a SAP Web AS Java
- ✦ Java Startup and Control Framework
- ✦ Logs of the Start and Stop Processes of SAP Web Application Server Java
- ✦ Installing an SAP Web Application Server Java
- ✦ Administration and Configuration Tools of SAP Web AS Java
- ✦ General Configuration of the SAP Web AS Java Cluster with the Config Tool
- ✦ General Configuration of the SAP Web AS Java Cluster with the Visual Admin
- ✦ Monitoring SAP Web AS Java
- ✦ Availability Monitoring
- ✦ Transporting Java Developments
- ✦ Installing Corrections for SAP Web AS Java
- ✦ Backing Up SAP Web AS Java



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