

Introduction to SAP

- What is ERP (Enterprise Resource Planning)
- What is SAP R/3 and its architecture
- What is SAP Netweaver?
- SAP Release strategy
- How to log-in to SAP system
- SAP user menu

Implementation or Installation activities of SAP

- ASAP Methodology
- What is NetWeaver. ABAP, Java ABAP+JAVA,
- Planning and the preparation for Installation
- Installation on Windows
- Hardware Sizing
- Central Instance Installation
- Database Instance Installation
- Dialog Instance Installation
- Troubleshooting of Installation Problems
- Post-Installation Activities of ECC
- Java system installation
- UME concept in AS Java
- Concepts and tools used in AS JAVA
- SAP GUI Installation
- Starting and Stopping the SAP System
- Log tracing techniques in SAP and OS
- Starting and Stopping SAP (ABAP, Java) under Windows & Linux
-

SAP System Architecture – Kernel

- Architecture of the SAP Web Application Server
- Dispatcher Process
- Message server
- Work process Architecture
- Dialog Work Process
- Background Work Process
- Update Work Process
- Enqueue Work Process
- Spool Work Process
- SAP Transactions

Profile Maintenance and Parameter Setting

- Default Profile
- Start Profile
- Instance Profile

Operation Modes

- What is an Operation Mode
- Manual Switching Of Modes
- Exceptional Mode
- Monitoring

Client Administration

- Client creation
- Logging into new client
- Client copy – Local
- Deleting client
- Client export and import
- Remote client copy

Setting up Remote Connections

- What is RFC
- Creating RFC destination
- Testing RFC connection
- Remote Logon

SAP System Landscape

- SAP System Landscape
- Single system landscape
- Two system Landscape
- Three system Landscape
- Multi System Landscape

TMS Terminology and Concepts

- Configuring TMS & Checking Transport Directory
- Configuring Transport Domain Controller & Group
- Configuring Virtual SAP System & displaying Configuration
- Including SAP Systems In the Transport Domain
- Creating Consolidation Routes and Delivery Routes
- Troubleshooting Transports
- Cleaning the Transport Directory
- Change and Transport System
- Customizing Transport and Workbench Requests

- Releasing Requests through Customizing
- Workbench /Transport Organizer
- Importing Change Requests

Security Administration

- Security Architecture
- User Administration
- Creating and Maintaining User Master Records
- Logon and Password Security
- Super Users
- Creating and Maintaining Single Users, Mass Users and User Groups
- Copying Deleting Locking/Unlocking Users
- Creation of Authorization Object
- Creation of Authorization Class and maintaining the Authorization Profile
- Creating and Maintaining Authorization
- Creating and Maintaining Roles
- Creating and Maintaining Composite Roles
- Creating and Maintaining Derived Roles
- Transporting and Distributing Roles
- Inserting Missing Authorizations

Tools for SAP System Administration

- Daily Tasks in System Management
- SAP Service Marketplace
- SAP Developer Network
- SAP Spool Administration
- SAP Spool system Architecture
- Introduction to SAP Access Methods
- Defining R/3 Printer Devices
- Managing spool Requests
- The SAPLPD Driver Program
- TEMSE object Database
- Troubleshooting printing problems
- Introduction to CCMS
- Alert Monitors
- Analyzing Alerts and Performance & Tuning
- System Monitoring with CCMS
- Performance Monitoring, Tuning and Trouble shooting
- Workload Analysis
- Performance Analysis Monitors
- SAP Memory Management
- Expensive SQL Statements
- SAP Table Buffering
- RFC Monitoring

- SAP Database Administration (ORACLE & Sql Server)
- Database Introduction
- Database Architecture
- Working with Offline and Online Backup
- Configuring the Re-do log Backup
- Database Backup, Restore and Recovery
- Adding Tablespace using BRTools
- Database Refresh
- System copy
- Patch Management:
- Overview of Support Packages, Plug-ins & Add-ons
- Types of Support Packages
- Downloading Support Packages
- Applying Notes using SNOTE
- Logon Screen Customizing of the SAP System
- Support pack Dependencies and Requirements
- Applying Support Packages, Plug-ins & Add-ons
- SAP R/3 Kernel Upgrade
- Overview Of Solution Manager:
- SAP Administration on Linux

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