



WILLPOWER

Technologies

SAP Basis Administration – R/3 with Oracle

Introduction to ERP:

Introduction to SAP R/3

Architecture of SAP R/3

SAP R/3 Application Server Architecture
2 tier architecture and 3 tier architecture

Types of landscapes:

Single system landscapes
Two system landscapes
Three System landscape
Multi system landscape

Installation of SAP

Installation of SAP on windows server
Naming convention, SID, Software kit, SAP licensing

SAP System Profiles

Default profile
Startup profile
Instance profile

Operation Modes:

- Definition
- Types of operation modes (Day and Night)
- Manual switching of operational modes
- Monitoring

SAP R/3 Administration Tasks – User Managements

- Creating User
- Password maintenance
- Locking, Unlocking, Deleting a User
- Creating user groups
- Creating mass users
- Explanation of terms Object class, Authorization object, Field value
- Introduction to profile Generator (PFCG)
- Creating roles
- Types of roles, Single, Composite, Derived roles
- Comparing user authorizations
- Missing authorizations
- Limiting Logon Attempts
- Setting Password Controls (parameters)
- Security parameter maintenance
- Transportation of roles
- Upload and download of roles
- Editing authorization profiles (ZSAPALL). Hint: SU02
- Company creation
- SU24, SU56, ST05, SU10, SU02, SU53, SUCOMP

Remote Function Calls

SAP R/3 Administration Tasks – Client

- Introduction to Client
- Creating Client
- Client Copy(Local, Remote, Export and Import)
- Dropping a Client
- Checking client copy logs
- Locking and unlocking a client

Transport Management System (TMS)

- TMS terminology and concepts
- TMS Domain
- TMS Domain Controller
- Transport Route, consolidation and delivery routes
- Transport Directory
- Virtual Systems
- Deleting TMS configuration
- Explanation of OS concepts of Transport (SAP TRANS directory Structure)

Change and Transport System

- Customizing request
- ABAP/4 Workbench request
- Release change request and tasks
- Importing change request using TMS
- Transportation of change requests between systems.

Spool Administration

- Basics of printers
- Types of access methods in SAP. Front-end, local printing, remote Printing
- Logical spool requests and troubleshooting
- Adding new printers to SAP
- SAPLPD, tempse data.

SAP R/3 Administration Tasks – Database Analysis

- Size
- Free Space
- Growth History
- Statistics

SAP R/3 Administration Tasks –Patch Administration

- Overview of Support Packages
- Introduction to Applying SAP Patches

Kernel administration
Troubleshooting

SAP R/3 Administration Tasks – CCMS

Introduction to CCMS
OS Monitoring
DB Monitoring
Analyzing Alerts

SAP R/3 Administration Tasks – Background Jobs

Jobs Definition
Start Date
Job Steps and log analysis
Job Monitoring
Deleting a Job

Load balancing concepts

SMLG
When is SMLG used?
Dialog Instance definition and creation

SAP R/3 Administration Tasks – SAP-DBA

Oracle Server Architecture Overview
Oracle Server Startup/shutdown
Table space Administration
SAP R/3 Reorganization of an Oracle Database
SAP R/3 Restore and Recovery of an Oracle Database
Startup and Shutdown of database
Introduction to BRTOOLS

SAP R/3 Administration Tasks – Memory Management and Miscellaneous

Introduction to SAP R/3 Virtual Memory
SAP R/3 Buffers
SAP R/3 Function Call (RFC)
Dump Analysis

System Monitoring:

OS, DB monitoring on weekly and daily basis

SAP Implementation plan:

SAP System copy/migration and High availability systems

Introduction to high availability systems

System/hardware migration with system copy

How to change SISD?

Introduction to SERVICE MARKET PLACE:

How to open OSS connection

How to download patches and notes

How to raise queries and create a developer key (SCCR)

How to add a new system to market place (hint: data administration)

How to request a permanent license

SAP R/3 Administration Tasks – Database Analysis

Size

Free space

Growth History

Statistics

SAP R/3 Installation

Installing SAP R/3 on Windows NT / 2000 – Preparation

Installing SAP R/3 on Windows NT / 2000 – Installation

Installing SAP R/3 on Windows NT / 2000 – Post Installation

Language Transport

Installing Database Server and Application Server

Installing Presentation Server (SAP GUI) & Accessing SAP R/3

From PC

Starting and Stopping R/3 System

SAP R/3 Administration Tasks – Installing an application server

Installing an application server

Changing Parameters

Load balancing concepts

SMLG

When is SMLG used?

SMTP Configuration:

Adding a mail server to SAP

Netweaver concepts:

Solution Manager

Basics

Configuration of CHARM (Change Request Management)

Maintenance optimizer

Early-watch alerts

Service connection

Support desk functionality

WAS architecture in detail?

Connectivity between R/3 and BI

SLD Configuration

Visual administrator and configuration tool administration

Software deployment manager (SDM)

JSPM – Support pack manager

Adding and removing server processes

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