

ERP BASIS

Curriculum

SAP ARCHITECTURE

- Features of ERP
- Processing User Requests
- R/3 Presentation Interface
- R/3 Database Interface
- R/3 Application Services
- Dialog Work Process

SYSTEM LANDSCAPES

- System Landscapes Strategies
- Types of System Landscapes

CLIENT ADMINISTRATION

- Client Concepts
- Client Dependent and Client Independent Objects
- Default Clients
- Creating New Clients
- Local Client Copy
- Remote Client Copy
- Client Export / Import
- Copy Logs and Control Information
- Client Copy: Monitoring and Troubleshooting
- Client Delete Protecting a Client

INSTALLATION ON WINDOWS Architecture

- Installation Prerequisites
- Technically Correct Installation : Requirements
- Technically Correct Installation : Profiles
- Oracle Directory Structure
- R/3 Release and System Name
- R/3 Basis Parameters
- R/3 Directory Structure
- Shared Directories
- R/3 Instance Number

POST INSTALLATION PROCESS

- R/3 Management Console

- Starting & Stopping Services
- Overview of Processes and Services
- Starting R/3 : R/3 Administrator Tasks
- Startup Logs and Traces in Windows NT
- Startup Diagnostics

MAINTAINING INSTANCES

- Types of Profiles
- Creating Operation Modes
- Configuring Work Processes to Operation Modes
- Assigning Time Table to Operation Modes

BACKGROUND PROCESSING

- Background Processing
- Scheduling of Jobs and Workload Balancing
- Reservation for Class A Jobs
- Defining a Job Using the Job Wizard
- Executing Programs as Job Steps
- Definition and Triggering of Events
- Analyzing Job Status

PRINTER AND SPOOL ADMINISTRATION

- Configuring Printer in R/3 System
- Information Flow
- Device Types
- Monitoring Spool and Output Requests
- Spool Servers
- Creating Logical Spool Servers

CHANGE AND TRANSPORT SYSTEM

- Change and Transport System Prerequisites
- Transport Management
- Transport Process : Release and Export
- Transport Process : Import
- Import Queue Status
- Import Queues and Import Buffers
- Import Queue
- Start Import
- Start Imports of Complete Projects

TRANSPORT MANAGEMENT SYSTEM

- Transport Management System (TMS)
- Structure of the Transport Management System
- Setting Up the Transport Management System
- Establishing a Transport Domain
- Initializing the Transport Domain Controller
- Transport Domain Management
- Configuring Transport Routes
- Transport Routes
- Graphical Editor
- Distribution and Activation of a Transport Routes

USER ADMINISTRATION AND AUTHORIZATION

- User Master Records
- Users in the R/3 Environment
- Authorization Concepts Authorization Objects
- Authorization Check
- Profile Generator Introduction
- Activity Group Creation and Maintenance
- Menu and Transaction Selection
- Maintenance of Authorization Values
- User Assignment
- Logon Groups

ONLINE CORRECTION SUPPORT

- Overview of SAP Online Service
- OCS Patches and R/3 Upgrades
- ERP Patch Manager
- Applying Support Packages
- ERP Router Overview ERP R/3 RDBMS Concepts Using Quick Table Calculations
- ERP R/3 Database Overview
- Introduction to ERPDBA
- Table Space Administration
- Database Reorganization
- Export and Import Database Objects
- Database Backup

PERFORMANCE MONITORING AND WORKLOAD ANALYSIS

- CCMS
- Memory Management
- Alert Monitor

- Server Overview
- Process Overview
- User Overview
- System Logs
- Performance Optimization

BACKUP STRATEGY

- Basic Concepts of Backup and Restore/ Recovery
- Implementation of a Backup Strategy

SCHEDULED DAILY TASKS

- System Monitoring
- Monitoring : What, Why, Who, When
- Monitoring Architecture Terminology
- R/3 Services
- Monitoring : R/3 Servers and Instances
- Monitoring : R/3 Work Processes
- Monitoring : ABAP Dumps
- Monitoring : R/3 Users
- Monitoring : Response Time
- Database Monitoring
- Operating System
- R/3 Basis System



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