

SAP- BASIS - Course Contents

Introduction to SAP R/3 Basis

- What is Basis?
- Introduction to SAP R/3 client/Server Technology and SAP R/3 Architecture
- Roles and responsibilities of Basis Consultants
- Database Service, Application Services, Presentation Services
- Introduction to OS concepts

Architecture of SAP R/3

Application server

- SAP R/3 Application server Architecture
- SAP R/3 Work Process – Overview

Client Administration

- Introduction to client
- Creating Client
- Client Copy
- Dropping a client

User Managements

- Creating User
- Authorizations
- Profiles and activity Groups
- Locking and unlocking User
- Introduction to profile Generator
- Profile management(single and Composite)
- Limiting Logon Attempts
- Setting password controls
- Maintaining User defaults & Options

Background Jobs

- Jobs Definition
- Start date
- Job steps
- Job Monitoring
- Deleting a job

Profile and Operation Modes

- Default profile
- Start profile
- Instance profile

- DATA ARCHIVING
- Data Archiving
- Spooling
- Access Method

CCMS

- OS Monitoring
- BD Monitoring
- Alerts

Memory Management and Miscellaneous

- Introduction to SAP R/3 Virtual Memory
- SAP R/3 Buffers
- SAP R/3 Memory Management System
- Remote Function call (RFC)
- Dump Analysis
- Sys Log

Types of R/3 Systems and System Landscape

- Development(Dev).Testing(QTST).Production(PROD)
- Single System Landscape
- Two System Landscape
- Three system Landscape

Change and Transport System

- Customizing
- Change Request
- Recording Changes
- Transportation

Transport Management System (TMS)

- TMS Domain
- TMS Domain Controller
- Transport Groups
- Transport Layer
- Transport Route
- Transport Directory
- Virtual Directory
- Virtual Systems
- SAP R/3 Repository

Patch Administration

- Overview of support Packages
- Introduction to applying SAP Patches
- Introduction to Applying Kernel Patches

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/shutdown of database

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
- Installing Presentation Server (SAP GUI) 7 Accessing SAP R/3 from PC
- Starting and stopping R/3 system

Installing an Application Server

- Installing an application server
- Changing Parameters

SAP ENTERPRICE PORTAL

- SAP Portal Fundamentals
- SAP Web AS Fundamental
- SAP Web AS ABAP Administration:
- SAP Web AS Java Administration
- SAP Netweaver Portal System Administration
- Implementation
- Portal Components
- Portal Services and Web Services
- Single Sign On
- SAP Fundamentals and Navigation
- SAP Net Weaver Overview
- SAP ECC and my SAP Business Suits Overview
- Systems Landscape
- Application Architecture
- SAP Backend Technologies
- SAP Web AS Fundamentals

SAP Solution Offering

- SAP System Architecture
- Enterprise Services Architecture
- SAP Net Weaver, Overview

SAP Web AS ABAP Administration:

- Starting and Stopping SAP systems
- Configuring SAP Web AS ABAP
- User Management in SAP Web AS ABAP
- Configuring Remote Connections
- Patching SAP Web AS ABAP
- Scheduling Background Jobs
- Monitoring SAP Systems
- Technology Components for Browser-based User Interfaces

SAP Web AS Java Administration:

- Starting and Stopping SAP Web AS Java
- Configuring SAP Web AS Java
- User Management in SAP Web AS Java
- Patching SAP Web AS Java
- Software Logistics for SAP Web AS Java
- Monitoring SAP Web AS Java

SAP Netweaver Portal Fundamentals:

- Technical Infrastructure
- Portal Platform Content
- Security Aspects

SAP Netweaver Portal System Administration:

- User Administration and Authentication
- Portal Authorization Concept
- Single Sign-On to Backend Systems
- Integrating SAP Applications
- Solution Management
- Secure System Management
- Design Modifications and Branding
- Advanced Portal Scenarios

Portal Components:

- Personalization
- Internationalization
- JSP

Portal Services and Web Services:

- Portal Services
- Web Services