

SAP- BASIS Course Content

What is SAP?

- ❖ An introduction to ERP
- ❖ An introduction to SAP
- ❖ SAP AG: Evolution & Strategy
- ❖ SAP Product Evolution
- ❖ SAP Services Overview (OSS)
- ❖ An introduction to BASIS

Basics to startup with BASIS Administration

- ❖ An introduction to Operating Systems
- ❖ An introduction to Database Systems
- ❖ Overview of computer Networks
- ❖ Network types & devices
- ❖ Protocol & IP Address concepts
- ❖ An introduction to Kernel Software

Description of R/3

- ❖ Client / Server Solution
- ❖ Overview of 3 layer interface
- ❖ Types of Client / Server Architectures
- ❖ An introduction to R/3

The Architecture of SAP R/3

- ❖ Presentation Interface
- ❖ Application interface
- ❖ Database interface
- ❖ Overview of R/3 Architecture
- ❖ Overview of Dispatcher & Work Processes
- ❖ The concept of SAP Instance

Landscape and Implementation Lifecycle

- ❖ Overview of Software Development
- ❖ Overview of SAP Landscape
- ❖ Landscape types
- ❖ Lifecycle Implementation concepts

Installation and Guidelines

- ❖ Elements in SAP R/3 installation
- ❖ Installation requirement
- ❖ System sizing
- ❖ Installation File Systems
- ❖ Installation of RDBMS
- ❖ Installation of SAPInst tools
- ❖ Install central Instance
- ❖ Load Database
- ❖ Installation Database
- ❖ Installation of Presentation Layer
- ❖ Post installation Activities

Working with SAP server

- ❖ Start & Stop SAP R/3 Server
- ❖ Directory Structures
- ❖ Overview of SAP MMC
- ❖ SAP & Oracle Environment Variables
- ❖ SAP Logon Pad configuration
- ❖ Overview of SAP License system
- ❖ Overview of Transaction & Dialog step

Management of users

- ❖ Overview of user Administration
- ❖ Managing User Master Records
- ❖ Managing User Groups
- ❖ Mass User Management
- ❖ Managing Logged-on Users
- ❖ Central User Administration

CCMS & Configurations

- ❖ Overview of System Profiles
- ❖ Overview of Operation Modes
- ❖ Overview of Background jobs
- ❖ Overview of Log-on Load Balancing
- ❖ Overview of Memory Management
- ❖ Overview of workload monitor
- ❖ Overview of Os Collector
- ❖ Overview of Performance Management
- ❖ Overview of alert monitoring
- ❖ SAP system Pro-Active Health checks

The Authorization System in SAP R/3

- ❖ Overview of Authorization System
- ❖ Maintaining Authorizations
- ❖ Working with Profile Generator
- ❖ Crating Roles
- ❖ Maintaining Org. Levels
- ❖ User Information System
- ❖ Overview of Users & Authorization Tables
- ❖ System Profile Parameters for User

SAP R/3 Client Management

- ❖ Overview of R/3 client
- ❖ Client Copy methods
- ❖ Client copy Requirements & Process
- ❖ Open / Close R/3 Client
- ❖ Overview of RFC
- ❖ Deleting R/3 Client
- ❖ Client Refresh
- ❖ Copying DB Tables among clients

The Transport System

- ❖ Overview of change Transport System
- ❖ Transport System Concepts
- ❖ System Change Options
- ❖ Working with Change and Transport Organizer
- ❖ Overview of transport Management System
- ❖ Configuring Systems and Domains
- ❖ Configuring Transport Routes
- ❖ Distributing and Verifying configuration
- ❖ Overview of tp & R3trans
- ❖ Performing Transports with tp Program
- ❖ Overview of the Complete Process of Transporting

Patch Management

- ❖ Overview of Support Packages, Plug-ins & Add-ons
- ❖ Types of Support Packages
- ❖ Downloading Support Packages
- ❖ Support pack Dependencies and Requirements
- ❖ Applying Support Packages, Plug-ins & Add-ons
- ❖ SAP R/3 Kernel Upgrade

SAP Administration for Oracle Database

- ❖ Introduction to Oracle Database Architecture
- ❖ Oracle Directory structure for R/3
- ❖ Overview of physical Layer
- ❖ Overview of Logical Layer
- ❖ Introduction to Cost - Based Optimizer
- ❖ Introduction to SAPDBA & BRTOOLS
- ❖ Tablespace Administration
- ❖ Introduction to Database Reorganization
- ❖ Database Backup & Restore
- ❖ Database General Activities

SAP Printing System

- ❖ 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

General Administration Utilities

- ❖ Monitoring SAP Instances
- ❖ Monitoring System Work Process
- ❖ Managing User Sessions
- ❖ Managing Update Records
- ❖ Managing Lock Entries
- ❖ Managing R/3 System Logs
- ❖ Analyzing ABAP Dumps
- ❖ System Tracing Utilities
- ❖ Managing Batch Input Sessions