

SAP Basis Course Content:35-40hours

Course Outline

1. INTRODUCTION TO ERP

- Introduction to SAP R/3

2. SAP R/3 ARCHITECTURE

- Central System
- Distributed Presentation
- 2-Tier Configuration
- 3-Tier Configuration

3. SYSTEM LANDSCAPE AND FLOW

- Single System Landscape
- Two System Landscape
- Three System Landscape
- Multi System Landscape

4. INSTALLATION OF SAP

- Installation Concepts on Windows & UNIX and Quick Sizing
- Naming Convention, Software Kit, SAP Licensing
- Installation Procedure - Windows Application Server for UNIX SAP System
- R/3 Directory Structure, Kernel

5. GUI ADMINISTRATOR

- Optimization
- Security

6. OPERATION MODES

- Manual Switching of OP Modes

- Exceptional Mode
- Monitoring

7. PROFILE MAINTENANCE & PARAMETER SETTING

- System Profile
- Transport Profile
- Client Profile
- Authorization Profile

8. USER ADMINISTRATION

- Creating and Maintaining Master Records, Architecture
- Logon and Password Security, Protecting Special Users
- Creating and Maintaining Single and Mass Users and User Groups
- Copying, Deleting, Locking/Unlocking Users
- Explanation of Terms Object Class, Authorization Object, Authorization, Profile
- Create/Maintaining Authorization/Profile Manually
- Create/Maintaining Roles/Generating Profiles by using PFCG

9. CLIENT ADMINISTRATION

- Client Maintenance
- Copying Client within R/3 System (Local)
- Copying client between R/3 Systems (Remote)
- Export/Import
- Protecting Client
- Monitoring and Verifying a Client Copy
- Deleting Client
- Tips and Troubleshooting

10. TRANSPORT MANAGEMENT SYSTEM

- TMS Terminology and Concepts
- Configuring TMS and Checking Transport Directory
- Configuring Transport Domain, Domain Controller and Group
- Configuring Virtual SAP System and Displaying Configuration
- Including SAP systems in the Transport Domain
- Creating Consolidation and Delivery Routes
- Maintaining SAP Systems without Common Transport Directory
- Configuring External Systems
- Locking and Unlocking TMS for a SAP System
- Deleting SAP System from the Transport Domain

- Deleting TMS Configuration

11. CHANGE AND TRANSPORT SYSTEM

- Releasing and Transporting Change Request and Tasks
- Customizing, Workbench, Transport Organizer
- Importing Change Requests

12. SPOOL ADMINISTRATION

- Print related Terminology in OS/SAP Level
- Setting Local, Remote and Front-End Printing
- Logical and Real Spool Server
- Managing Spool Requests using Output Controller
- Connecting Output Devices to Window System
- SAPLPD, TemSE, Authorization

13. PATCH AND KERNEL ADMINISTRATION

- Checking the Patch, Spam, Kernel Levels
- Downloading Installing Patches, Kernel
- Applying at OS Level, SAPNET, Front-End
- Troubleshooting Various Issues

14. CCMS

- Introduction to CCMS
- CCMS Monitors
- Alert Monitors
- Analyzing Alerts and Performance Tuning

15. BACKGROUND PROCESSING

- Background Dialogs Concept
- Defining Jobs
- Analyzing Jobs
- Maintenance Jobs

16. DISTRIBUTED R/3 SYSTEM

- Creating Regular Instance
- Creating Logon Groups for Load Balancing

17. OSS AND SNOTE CONCEPTS

- How to Use for Different Purposes
- Manually Applying OSS note on SAP Standard Program

18. SAP ROUTER

- Installation of SAP Router
- Creating Route Permission Table
- Setting Route String Entry for SAP Router
- Using Various Administrative Options

19. DATABASE MANAGEMENT

- Introduction to Oracle
- Oracle Architecture
- Introduction to SAPDBA
- Creating Tables and Table Space Adjustment
- Database Backup, Restore and Recovery

20. PERFORMANCE TUNING

- OS, H/W Performance Considerations
- Memory, Management
- R/3 Buffers, Page Buffers, Extended and Heap Memory, PRIV Mode

21. SYSTEM MONITORING

- Daily, Weekly, Monthly Tasks

22. SAP IMPLEMENTATION STRATEGY

23. CONNECTIVITY BETWEEN R/3 AND BW

- BW Architecture
- Defining and Assigning Logical Systems
- Workbench Administration

24. SAP NETWEAVER

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