

SAP- Basis Module - COURSE CONTENTS

Unit1: Sap Basis Introduction

1. . Introduction to SAP R/3 Basis What is Basis?
2. ● Introduction to SAP R/3 Client / Server Technology and SAP R/3 Architecture
3. ● Roles and Responsibilities of Basis Consultants
4. ● Database Service. Application Services, Presentation Services
5. ● Introduction to OS Concepts
6. ● Introduction to SAP R/3 Hardware Concepts : The CPU
7. ● Introduction to SAP R/3 Hardware Concepts : Storage
8. ● Available SAP R/3 Platforms – Windows NT
9. ● SAP R/3 Networking issues

Unit2: SAP Net weaver Architecture

- Architecture of SAP R/3 Application Server SAP R/3 Application Server Architecture
- Dialog Server
- Update Server
- SAP R/3 Work Process – Overview
- Managing SAP R/3 Work Processes
- NW Introduction
- Components of NW
- Core Architecture
- Application servers, Central Instance, Dialog instance
- ABAP and Java Stacks
- Message servers, Dispatchers
- WPs and the types
- System Landscape

Unit3: SAP Components

- Core Component and functionality
- NEW Dimensional components and basis introduction of these functionality
- Modules of SAP components
- Roles in SAP application
- Basis introduction to ABAP and T-Codes
- Basis introduction to SAP technical work flow

Unit4: Installation

- Layers of SAP Application
- Pre-requisites for SAP installation
- SAP installation
- DB installation
- Application server installation
- Front End installation
- Start and Stop SAP
- Post installation
- Hosts and Services files
- Directory Structure of SAP

Unit5: Client Administration

- 1 Client Concept
- 2 Create clients
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- Prerequisite for Client Copy
- SCCL and Client Export/Import, Copy Logs and monitoring of Client Copy

Unit6: TMS, Support packs and Addons

- • TMS introduction & configuration
- • TMS functionality and methods to use
- • Support packs and installation
- • ABAP and Java Patching
- • Kernel upgrade/Patching
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Unit7: General Administration

- Daily,Weekly and monthly monitoring the system health.
- T-Codes related to System monitoring.
- Background Jobs administration
- Spool architecture and administration
- Language installation
- Oss notes and SAP service market place
- SAP NET uses.
- Performance tuning methods and implantation.

Unit8: Database administration

- 1 • Oracle Database concepts
-) • Monitoring Table spaces
- 2 • SAPDBA/BR Tools
-) • DB Activities and T-Codes
- 3
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- 4
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Unit9: New Dimensional products

- Introduction to BW/BI.
- Installation of BW/BI and integration with ECC and other backend systems
- Introduction, installation of SCM and basis integration with ECC
- Introduction of CRM, SRM, XI, Portal etc and their integration

Unit10: Types of R/3 Systems and System Landscape

- Development (DEV). Testing (QTST). Production (PROD)
- Single System Landscape
- Two System Landscape
- There System Landscape

Unit11: Transport Management System (TMS)

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

Unit12: SAP R/3 Administration Tasks – Database Analysis

- Size
- Free Space
- Growth History
- Statistics

Unit13: SAP R/3 Installation

- Installing SAP

