

# SAP Basis Administration Training

*COURSE CONTENT*

## GET IN TOUCH



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## About Multisoft

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## About Course

SAP Basis Administration Training by Multisoft Systems is designed to provide comprehensive knowledge of SAP system architecture, installation, configuration, and daily administration activities. SAP Basis serves as the technical foundation of SAP environments, enabling communication between applications, operating systems, and databases.

## Module 1: Introduction to SAP & SAP Basis

- ✓ Overview of SAP Architecture
- ✓ SAP Landscape (Development, Quality, Production)
- ✓ Role and responsibilities of SAP Basis Administrator
- ✓ SAP NetWeaver overview
- ✓ SAP system types and instances
- ✓ SAP GUI installation and configuration

## Module 2: SAP System Architecture

- ✓ Three-tier architecture (Presentation, Application, Database)
- ✓ SAP Dispatcher and Work Processes
- ✓ Types of Work Processes (Dialog, Background, Update, Spool, Enqueue)
- ✓ SAP Memory Management
- ✓ SAP Profile parameters overview

## Module 3: SAP Installation & Configuration

- ✓ SAP system installation overview
- ✓ SAP Installation tools (SWPM)
- ✓ SAP Kernel concepts and upgrades
- ✓ Post-installation configuration
- ✓ SAP License installation

## Module 4: User Administration

- ✓ User creation and management (SU01)
- ✓ User types (Dialog, System, Communication, Service)
- ✓ Role and authorization concepts
- ✓ Password policies and user locking/unlocking
- ✓ Mass user management

## Module 5: SAP Client Administration

- ✓ Client concept in SAP
- ✓ Client creation and deletion
- ✓ Client copy (Local, Remote, Export/Import)
- ✓ Client roles (Customizing, Test, Production)
- ✓ Client settings and protection

## Module 6: Transport Management System (TMS)

- ✓ Transport Management System overview
- ✓ Transport routes configuration
- ✓ Creating and managing transport requests
- ✓ Import/export transport requests
- ✓ Transport logs and troubleshooting

## Module 7: SAP System Monitoring

- ✓ System monitoring tools (SM50, SM51, SM66)
- ✓ Background job monitoring (SM37)
- ✓ System logs (SM21)
- ✓ Dump analysis (ST22)
- ✓ Performance monitoring (ST03N, ST06)

## Module 8: Background Job Management

- ✓ Creating background jobs (SM36)
- ✓ Scheduling jobs
- ✓ Monitoring jobs
- ✓ Job troubleshooting and logs

## Module 9: SAP Database Administration (Basics)

- ✓ Database overview in SAP

- ✓ Database monitoring (DB02)
- ✓ Tables and tablespaces
- ✓ Database backup and recovery concepts

## **Module 10: SAP Kernel & Patch Management**

- ✓ SAP Kernel components
- ✓ Kernel upgrade procedure
- ✓ Support Package Stack (SPS)
- ✓ Applying SAP patches

## **Module 11: SAP System Backup & Restore**

- ✓ SAP backup strategies
- ✓ Online and offline backup
- ✓ Restore procedures
- ✓ Disaster recovery concepts

## **Module 12: SAP System Performance Tuning**

- ✓ Performance monitoring tools
- ✓ Identifying performance bottlenecks
- ✓ Work process analysis
- ✓ System optimization techniques

## **Module 13: SAP Printing & Spool Administration**

- ✓ Spool administration (SP01, SPAD)
- ✓ Printer configuration
- ✓ Output management

## **Module 14: SAP Security Basics**

- ✓ Authorization concepts

- ✓ Role creation and assignment (PFCG)
- ✓ Authorization troubleshooting (SU53)
- ✓ Security best practices

## **Module 15: SAP System Maintenance**

- ✓ SAP Support Packages
- ✓ SAP Notes implementation
- ✓ SAP system health checks
- ✓ System housekeeping tasks

## **Module 16: SAP Basis on HANA (Overview)**

- ✓ SAP HANA basics
- ✓ SAP HANA architecture
- ✓ SAP HANA administration overview