**COURSE CONTENT**

**SAP Basis Overview**

* My SAP Business Suite and my SAP ERP
* Definition of SAP NetWeaver
* The SAP Release Strategy
* Introduction To SAP R/3

**Basics**

* What Is an SAP System?
* ERP
* Hardware requirement of ERP(OS & DATABASE )
* Configuring SAP Logon
* Versions
* Analysis Transactions

**Significance of SAP Service Market Place**

**Planning the Installation of SAP ERP Component**

**Installation and post Installation**

* ASAP Methodology
* Planning and the preparation for Installation
* Installation on Windows
* Hardware Sizing
* Installing and Patching Oracle Database Software
* Central Instance Installation
* Database Instance Installation
* Dialog Instance Installation
* Troubleshooting of Installation Problems
* Post-Installation Activities of ERP Component
* SAP GUI Installation and installing the GUI Patches
* Starting and Stopping the SAP System
* System Start Process
* Log tracing techniques in SAP and OS
* System Shutdown and Startup process and analysis
* Starting and Stopping SAP under Windows and UNIX Operating Systems
* SPAM/SAINT Upgrade
* How to download the patches and applying Patches, Support Packages from Service
* Market Place.
* Sgen Whole system fragmentation

**SAP Note AND Patches**

* Applying Notes using SNOTE
* Kernel Upgrade
* Installation of Languages like Arabic, Chinese etc
* Logon Screen Customizing of the SAP System

**Client Administration**

* Local Client Copy
* Client Export Import
* Remote Client Copy

**Client Comparison and Maintenance Tools**

* System Landscape
* Single system landscape
* Two system Landscape
* Three system Landscape
* Multi System Landscape

**Transport Management System**

* TMS Terminology And Concepts
* Configuring TMS & Checking Transport Directory
* Configuring Transport Domain Controller & Group
* Configuring Virtual Sap System & Displaying Configuration
* Including Sap Systems In The Transport Domain
* Creating Consolidated Routes and Delivery Routes
* Transport Directory Vs Transport Domain
* Troubleshooting Transports
* Cleaning Up the Transport Directory

**Change and Transport System**

* Customizing Request and Workbench Requests
* Releasing Requests through Customizing/
* Workbench /Transport Organizer
* Importing Change Requests

**Support Activates**

* Architecture of the SAP Web Application Server
* Dispatcher Process
* Message server
* Work process Architecture
* Dialog Work Process
* Background Work Process
* Update Work Process
* Enqueue Work Process
* Spool work Process
* SAP Transactions
* System Logs
* Various Monitoring Techniques and Tcodes Working with ABAP Dumps

**SAP Background Administration**

* Fundamentals of Background Processing
* Various types of Background Jobs
* Scheduling the Background jobs
* Monitoring the Background Jobs

**SAP Spool Administration**

* Overview of spool process
* Configure and Troubleshoot SAP Printers

**Profile Maintenance and Parameter Setting**

* Default Profile
* Start Profile
* Instance Profile
* Maintaining the parameter in instance profile

**Operation Modes**

* Define an Operation Mode Day And Night Operations
* Manual Switching Of Modes
* Exceptional Mode
* Monitoring

**CCMS**

* Introduction to CCMS
* CCMS Monitors
* Alert Monitors
* Analyzing Alerts and Performance & Tuning
* System Monitoring with CCMS

**Tools for SAP System Administration**

* Daily Tasks in System Management
* SAP Service Marketplace
* SAP Developer Network

**Setting up Remote Connections**

* Fundamentals and Types of RFC
* Setting up RFC Connections

**Performance & Server Monitoring, Tuning and Troubleshooting**

* Workload Analysis
* Performance Analysis Monitors
* SAP Memory Management
* Hardware Capacity Verification
* Expensive SQL Statements
* SAP Table Buffering
* Server monitoring
* Process overview
* Update request
* Lock entries
* Os monitoring
* Database monitoring

**Security Administration**

* User Administration
* Creating and Maintaining User Master Records
* Logon and Password Security
* Super Users
* Creating And Maintaining Single User's mass Users And User Groups
* Copying Deleting Locking/Unlocking Users
* Creation of Authorization Object
* Creation of Authorization Class and maintaining the Authorization Profile
* Create/Maintaining Authorization/Create/Maintaining Roles/Generating Profiles by
* Using PFCG
* Creating Single and Composite Roles
* Deriving and Comparing Roles
* Transporting and Distributing Roles
* Inserting Missing Authorizations

**Course Overview:**

**Course Name**               SAP Basis  
**Demo Classes**              On Demand  
**Mode of Classes**          Online  
**Course Duration**         40-45 Hours  
**Class Availability**        Weekdays & Weekends

SAP Basis is the SAP version of system administration. SAP Basis administrators are responsible for making sure that the SAP application server and applications are installed and configured properly; they also maintain the whole landscape and its smooth operation. SAP Basis is the technical foundation that enables all SAP applications to function smoothly. It consists of programs and tools that support the interactions of multiple systems and the portability of SAP applications across systems and databases.