

# **S4 HANA BASIS COURSE CONTENT**

- **What is SAP & SAP BASIS**
  - Introduction to SAP
  - Introduction to SAP BASIS
  - SAP R/3 Architecture
  - ASAP ROADMAP
- **SYSTEM LANDSCAPE AND FLOW**
  - Single System Landscape
  - 3-System Landscape
  - Multi System Landscape
- **CLIENT ADMINISTRATION**
  - Client Maintenance
  - Copy Client within R / 3 System (Local )
  - Copy Client Between R /3 System ( Remote )
  - Export / Import
  - Monitoring And Verifying A Client Copy
  - Deleting Client
  - Tips and Troubleshooting
- **BACKGROUND PROCESSING & JOBS Scheduling**
  - Background Dialogs Concept
  - Defining Jobs
  - Analyzing Jobs
  - Maintenance Jobs
- **SAP Profiles**
  - 3 Types of Profiles
  - Static & Dynamic Parameters
- **SAP Security**
  - Creation Users
  - Creation Roles (single / composite)
  - Roles & Profiles
  - Assigning Roles
  - Managing Users
  - Authorization Object
- **TRANSPORT MANAGEMENT SYSTEM**
  - TMS Terminology And Concepts
  - Configuring TMS & Checking Transport Directory
  - Configuring Transport Domain Controller & Group
  - Creating Consolidation And Delivery Routes
  - Transport Directory Vs Transport Domain
  - Change and Transport System
  - Customizing Request and Workbench Requests.
- **OSS AND SNOTE CONCEPTS**



- Manually Applying OSS Note On Sap Standard Program
- Applying OSS Note With SNOTE
- **PATCH ADMINISTRATION**
  - Installing ADD-ONS.
  - Applying Patches
- **SYSTEM MONITORING**
  - Daily, Weekly, Monthly Tasks
- **SAP SERVICE MARKETPLACE**
  - Introduction to SMP
  - Registering SCCR Keys
  - Downloading Software/Support Packages/Kernel
- **Advanced topics**
  - SAP Installation Overview
  - Introduction to SAP Solution Manager
  - System COPY & REFRESH
  - EHP Upgrade
  - Migration of SAP Systems (Export / Import)
  - Introduction to SUM (software update manager) tool & SWPM (software patch manager)
  - SPS (Support Pack Stack) Upgrade
  - Kernel upgrades
- **SAP HANA Architecture**
  - Detailed Architecture of Index Server
  - HANA Sizing
- **SAP HANA Memory Management**
  - Used Memory
  - Peak Used Memory
  - Physical memory
  - Resident memory
  - Virtual Memory
  - Pool Memory
- **User Management & Security**
  - Creating users
  - Creating Roles
  - Assign privileges to Users/ Roles
  - Template Roles
- **HANA Admin - Core Level**
  - Backup & Recovery
  - SAP HANA Studio Installation and configuration
  - Clients Installation
  - Create ODBC Connections
  - Monitor HDB
  - MVCC - Multi Version Concurrency Control
  - IMDB Installation
  - Distributed System Handling – Cold backup and Hot backup
  - Persistency Layer
- **HANA Admin - Advanced Level**
  - Monitoring Performance & Role



- Cockpit Access & Roles
- Customizing Cockpit
- Managing Certificates
- Defining Audit Policy
- System Migration
- License Key & System Lock
- Recovery Options
- Start Stop System
- System Monitor
- Running Backup
- Data Compression
- Table Partition
- Table Replication
- Authentication Methods
- Disaster Recovery
- Scalability
- Smart Data Access
- User Provisioning
- Migrating Objects
- INI Files
- XS Service