

SAP – BASIS COURSE CONTENT

❖ **BASIS & NETWEAVER ADMINISTRATION:**

- ERP
- ARCHITECTURE
- SAP System Landscape
- User Admin
- Securities (Roles, Derived Roles, Composite Roles)
- Client Admin
- Profile Maintenance
- Operations modes
- Monitoring & Troubleshooting
- Patch Admin
- Spool Admin
- Background Job Scheduling & Monitoring
- TMS configuration
- CTS (Change & Transport System)
- RFC Connections
- SAP Archiving
- DB Refresh
- Database administration
- Advanced dba (BR Tools)
- Sap router
- Installation

SAP WEB APPLICATION SERVER

❖ **INTRODUCTION:**

❖ **STARTING AND STOPPING A SAP WEB AS JAVA:**

❖ **BASIC CONFIGURATION OF SAP WEB AS JAVA:**

❖ **USER ADMINISTRATION IN THE JAVA:**

❖ **ENVIRONMENT:**

❖ **MONITORING SAP WEB AS JAVA:**

❖ **IMPORTING CORRECTIONS:**

❖ **BACKING OF SAP WEB AS JAVA:**

❖ **INSTALLATION OF NET WEAVER COMPONENTS ABAP +JAVA STACK, EP, XI:**

❖ **SAP SYSTEM LANDSCAPE:**

- One system landscape
- Two system landscape
- Three system landscape

❖ **USER ADMIN:**

- User creation, Lock, Unlocks, Deletion, Copy.
- Mass generation of users
- SOD (Segregation of Duties) & SOX

❖ **ADVANCED SECURITIES:**

- Roles (Master Roles, Derived Roles, Composite Roles)
- Profiles
- Authorizations (Troubleshooting Day to day Users authorizations issues)
- SUPC & PFUD
- Ticketing Tool (Clarify)

❖ **CLIENT ADMIN:**

- Client copy: Local, remote, import & export
- Client deletion, lock, unlock

❖ **PROFILES & MAINTENANCE:**

- Importing Profiles From OS level to Database level
- Creating Operation modes

❖ **PATCH ADMIN:**

- Kernel patches
- Supports packs (SAP Level Support Packs, Add-On & Plug-in)

❖ **SPOOL ADMIN:**

- Configuring Spool Server
- Configuring Printers at SAP Level
- Troubleshooting Day to Day Printer

❖ **ISSUES:**

❖ **BACKGROUND JOB SCHEDULING & MONITORING:**

- Scheduling Background Jobs
- Day to Day Monitoring of Critical Background Jobs

❖ **MONITORING & TROUBLESHOOTING:**

- System Log
- Lock Entries
- Update Terminations
- Exclusive Lock Wait Situations
- Work Process Overview
- Space Critical Objects
- Last Successful Backup
- Archive Directory Status
- Spool Requests
- Tune Summary
- Performance Analysis
- Tracing
- Load Distribution
- Work Load Analysis

- RFC Connections
- ABAP Dump Analysis
- Background Job Monitoring
- TemSe Consistency Check
- Regular Clean-up of Old Spools, Background Jobs TMS
- Configuring Transport Management System CTS
- Creating Change Request\Transport Request

❖ **RFC CONNECTIONS:**

- Establishing RFC Connections between Different System
- Performing DB Refresh from Prod to Quality

❖ **DATABASE ADMINISTRATION :**

- SAP-DBA (4.7 EE)
- BR * Tools (ECC 5.0)

❖ **TABLESPACE ADMINISTRATION:**

❖ **STARTING AND STOPPING OF INSTANCES:**

❖ **DATABASE BACKUP:**

❖ **REORGANIZATION:**

❖ **EXPORTING DATABASE:**

❖ **RESTORING DATABASE BACKUP:**

❖ **ARCHIVE LOGS:**

❖ **INTRODUCTION:**

- Concept of the Java Virtual Machine
- J2EE Servers in the SAP Environment
- Structure of SAP Web Application Server
- SAP Web AS Installation Options
- The Java Instance Concept
- The internal structure of SAP Web AS Java

❖ **STARTING AND STOPPING A SAP WEB AS JAVA:**

- Java Instance With in an ABAP Instance
- Java Startup and Control Framework
- Logs of the Start and Stop Processes of SAP Web Application

❖ **BASIC CONFIGURATION OF SAP WEB AS JAVA:**

- Administration and Configuration Tools of SAP Web AS Java
- Calling the Administration and Configuration Tools
- General Configuration of the SAP Web AS Java Cluster using different tools
- Selected Configurations

❖ **USER ADMINISTRATION IN THE JAVA:**

❖ **ENVIRONMENT:**

- Overview of User Administration in Java
- User Management Engine (UME)
- User Administration Tools
- The Java Authorization Concept
- UME installation & Parameters Settings
- Special users and UME Log/trace Files

❖ **MONITORING SAP WEB AS JAVA:**

- Overview of the Monitoring of SAP Web AS Java
- Central Monitoring of SAP Web AS Java
- Connecting to a central monitoring System
- Log viewer and log configuration
- Availability monitoring
- Statistics and the performance Trace

❖ **IMPORTING CORRECTIONS:**

- Installing corrections for SAP Web AS Java
- Installing corrections for Java Applications

