# ProTech Professional Technical Services, Inc.

## System Administration of AS Java-based SAP Systems ADM800V-v022

## Course Summary

### Objectives

At the end of this course, students will be able to:
- Explain the architecture of SAP NetWeaver AS Java.
- Start and stop SAP NetWeaver AS Java.
- Carry out basic configuration for SAP NetWeaver AS Java.
- Set up SSL encryption for SAP NetWeaver AS Java.
- Explain the architecture of the User Management Engine.
- Configure the User Management Engine.
- Carry out user and authorization maintenance.
- Understand and change the standard logon procedure of SAP NetWeaver AS Java.
- Maintain destinations and the JCo RFC Provider.
- Specify the options for monitoring SAP NetWeaver AS Java.
- Display Monitoring and logging data using the SAP NetWeaver Administrator.
- Implement corrections for SAP NetWeaver AS Java.
- Understand the architecture and the tasks of the SAP NetWeaver Development infrastructure.

### Topics

- Explain the architecture of SAP NetWeaver AS Java: JRE, JEE, SAP JVM, Cluster Architecture, Internal Structure, Load Balancing in AS Java Environments
- Start and stop SAP NetWeaver AS Java: Tools, Java Startup and Control Framework, Monitoring the System Start Procedure, Error Handling
- Carry out basic configurations for SAP NetWeaver AS Java using SAP NetWeaver Administrator, Config Tool, Configure ICM Process and Central Services
- Set up SSL encryption for SAP NetWeaver AS Java: ICM Parameters, Introducing Cryptography, Configure AS Java as Server Component for authentication
- Explain the architecture of the User Management Engine: User Groups and Roles, Authorization Concept, Default Principles and Emergency Users, Configuration of X.509 Client Authentication
- Understand and change the standard logon procedure of SAP NetWeaver AS Java
- Maintain destinations and the JCo RFC Provider
- System Monitoring and Troubleshooting: Tracing and Logging, Using Local Monitoring functions (NWA, SAP MC), Introduction to SAP Solution Manager's System and Application Monitoring, Connecting to a Central Monitoring System (CCMS)
- Software Maintenance: Importing Corrections with SUM for AS Java, Understand Additional Deployment Tools
- Appendix: Understand the architecture and the tasks of the SAP NetWeaver Development Infrastructure

### Audience

Those who can benefit from this System Administration of AS Java-based SAP Systems course include:
- Technology Consultant
- System Administrator
- System Architect
- Help Desk / COE Support

Course Outline

## **Course Summary** (Cont'd)

### Prerequisites

Essential:
- Technology Fundamentals for SAP S/4HANA and SAP Business Suite

Recommended:
- System Administration I of SAP S/4HANA and SAP Business Suite

### Duration

Five days