# ADM800 - AS Java 7.3x – Administration Training

Duration: **5 Day**

BILGINÇ IT Academy
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## Overview

**Course based on software release:**

- SAP NW AS Java 7.50 SPS21

**Notes:**

- The course material for conducting the training is only available in English.

## Prerequisites

**Essential**

- SAPTEC
- Basic knowledge of operating systems and database

**Recommended**

- ADM100

## Who Should Attend

- Technology Consultant
- System Administrator
- System Architect
- Help Desk / COE SupportUser

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## What You Will Learn

- This course will prepare you to:
  - Explain the architecture of SAP NetWeaver AS Java
  - Start and stop SAP NetWeaver AS Java
  - Carry out basic configurations for SAP NetWeaver AS Java
  - Set up TSL 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

## Outline

- 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 TSL 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: Users, Groups and Roles, Authorizations, Default Principles and Emergency User
- Configuration of X.509 Certificates for 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
- Software Maintenance: Importing Corrections with SUM for AS Java, Understand Additional Deployment Tools, Creating Backups of AS Java core elements
- Appendix: Understand the architecture and the tasks of the SAP NetWeaver Development Infrastructure