

AS ABAP – Advanced Administration

Course Code: ADM103

Duration: 5 Days

Goals

- "*" Explain the architecture of SAP NetWeaver AS Java
- Start and stop SAP NetWeaver AS Java
- Carry out basic configurations for SAP NetWeaver AS Java
- Classify network security concepts
- 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
- Understand the architecture and the tasks of the SAP NetWeaver Development Infrastructure
- Explain the process flow of the development process using the SAP NetWeaver Development Infrastructure
- Specify the options for monitoring SAP NetWeaver AS Java
- Connect SAP NetWeaver AS Java to a central Monitoring system
- Display Monitoring and logging data using the SAP NetWeaver Administrator
- Implement corrections for SAP NetWeaver AS Java"

Audience

- System Administrator
- Technology Consultant

Prerequisites

Essential

- ADM100 Administration AS ABAP I

Content

- The SAP Solution Manager Environment
 - Planning the SAP Solution Manager Environment
 - Assigning Composite Roles to SAP Solution Manager System Users
 - Planning the Installation of SAP Extensions and Adapters for Third Party Extensions
- Fundamental Concepts of Java
 - Describing the Fundamental Concepts of Java
 - Describing the Architecture of the SAP NetWeaver Application Server (AS)
 - Outlining the Java Cluster Architecture
 - Describing the Internal Structure of AS Java
 - Evaluating Load Balancing Options in the AS Java Environment
- AS Java Start and Stop Procedures
 - Starting and Stopping an AS Java
 - Evaluating the Tools for Starting and Stopping SAP Systems

- Operating the Java Startup and Control Framework
- Analyzing the Logs of Start and Stop Processes of AS Java
- AS Java Basic Configuration
 - Identifying Administration Tools Used in Configuration
 - Maintaining the Basic Configuration of AS Java with the Config Tool
 - Configuring AS Java with SAP NetWeaver Administrator
 - Configuring the Properties of the Central Services Instance
 - Administering the ICM Process
- Infrastructure Security
 - Describing Network Security
 - Setting Up SSL
- User and Authorization Administration
 - Configuring the User Management Engine (UME)
 - Maintaining Users and Groups
 - Managing Java Authorization
 - Administrating Special Principles
 - Configuring the Logon Procedure of the AS Java
- Java Connectors and Destinations
 - Creating Connections to Other Systems
 - Creating Connections to Other Systems with the Java Connector Architecture
- Change Management and Software Logistics
 - Structuring the Java Development Approach
 - Describing the Components of SAP NetWeaver Development Infrastructure
 - Developing and Releasing Java Changes with SAP NetWeaver Development Infrastructure
 - Transporting Java Developments
- Monitoring
 - Monitoring AS Java
 - Connecting to a Central Monitoring System
- Configuring Availability Monitoring
- Viewing and Configuring the Log and Trace Files
- Monitoring a System with SAP Solution Manager
- Software Maintenance
 - Preparing for Software Maintenance
 - Describing Java Support Packages, Stacks, and Patches
 - Deploying Corrections with Software Update Manager (SUM) for AS Java
 - Deploying Java Archives with Alternative Tools
 - Outlining the Backup Strategy for AS Java