

System Administration of SAP NetWeaver Application Server Java (AS Java)

Duration: 5 Days **Course Code: ADM800** **Delivery Method: Virtual Learning**

Overview:

This course provides the various tasks of the system administration for systems based on SAP NetWeaver AS Java 7.40. Learn about the basic activities that affect SAP NetWeaver AS Java 7.40.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

Technology Consultant System Administrator System Architect Help Desk / COE Support

Objectives:

- 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

Prerequisites:

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- ADM100

Content:

Fundamental Concepts of Java

- Describing the Fundamental Concepts of Java
- Describing the Architecture of the SAP NetWeaver Application Server (SAP NetWeaver AS)
- Outlining the Java Cluster Architecture
- Describing the Internal Structure of SAP NetWeaver AS for Java

SAP NetWeaver AS for Java Start and Stop Procedures

- Starting and Stopping Procedures in SAP NetWeaver AS for Java
- Evaluating the Tools for Starting and Stopping an SAP System
- Evaluating Load Balancing Options in SAP NetWeaver AS for Java
- Operating the Java Startup and Control Framework
- Analyzing the Logs of Start and Stop Processes in SAP NetWeaver AS for Java

Basic Configuration of SAP NetWeaver AS for Java

- Identifying the Administration Tools Used in Configuration
- Maintaining the Basic Configuration of SAP NetWeaver AS for Java with the Config Tool
- Configuring SAP NetWeaver AS for Java with SAP NetWeaver Administrator
- Configuring the Properties of the Central Services Instance
- Administering the Internet Communication Manager (ICM) Process

Infrastructure Security

- Describing Network Security
- Setting Up the Secure Sockets Layer (SSL)

User and Authorization Administration

- Configuring the SAP User Management Engine (UME)
- Maintaining Users and Groups
- Managing Java Authorization
- Administering Special Principles
- Configuring the Logon Procedure in SAP NetWeaver AS for Java

Java Connectors and Destinations

- Creating Connections to Other Systems
- Creating Connections to Other Systems with J2EE Connector Architecture (JCA)

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 SAP NetWeaver AS for Java
- Connecting to a Central Monitoring System (CEN)
- Configuring Availability Monitoring
- 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) in SAP NetWeaver AS for Java
- Deploying Java Archives with Alternative Tools
- Outlining the Backup Strategy in SAP NetWeaver AS for Java

Additional Information:

Course based on software releases SAP NetWeaver AS 7.40 SP10

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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