



WebLogic Training Course

Project Based Immersive Learning Course

WebLogic Training Course Overview

Sambodhi and Education Nest, offers the Oracle WebLogic Server 12c: JMS Administration training course designed to teach learners how to configure, manage, and monitor WebLogic JMS resources according to best practices. The course covers key topics such as configuring JMS servers and destinations, JMS high availability, message migration from failed servers, and JMS performance monitoring and tuning. Learners will also gain insights into JMS clustering, troubleshooting common JMS issues, and JMS security. By taking this course, learners can improve their organization's application and service performance and scalability using the #1 application server. Additionally, learners will gain knowledge and skills to configure their WebLogic environment to provide load balancing and failover for JMS resources and move JMS resources across servers in response to server failure or maintenance.

Benefits of WebLogic Training Course:

The Oracle WebLogic Server is a powerful tool for businesses looking to centralize application services and improve performance. By using caching and connection pooling, WebLogic can optimize resource use and improve application speed. The benefits of WebLogic are numerous, including increased scalability, reliability, and security.

Furthermore, there are countless job opportunities available for WebLogic professionals all over the world. Many top companies are actively recruiting WebLogic experts, and the demand for skilled candidates in this domain is constantly increasing. By taking a WebLogic training course, professionals can gain the skills and knowledge needed to succeed in this exciting field and advance their careers in the IT industry.

Who should learn?

- Developer
- Support Engineer
- System Administrator
- Technical Consultant
- Aspirants willing to learn WebLogic

Why do you need WebLogic Training Course?

Average Salary Growth:

According to recent job market data, the average salary for a WebLogic Professional can vary depending on their specific role and level of experience. On average, a WebLogic Administrator can expect to earn around \$66,242 per year, while a Middleware Administrator can earn up to \$98,192 per year. Additionally, as demand for skilled WebLogic

professionals continues to grow, the potential for career advancement and salary growth is significant.

Industries:

The demand for skilled WebLogic programmers is significant in various industries and multinational corporations (MNCs). WebLogic is a popular application server used by businesses across many industries, including finance, healthcare, e-commerce, and more. MNCs in particular are actively recruiting WebLogic professionals to manage their complex IT infrastructures and improve their application performance.

Position in Market:

According to the US Bureau of Labor Statistics, the employment of computer and information technology occupations is projected to grow 11% from 2019 to 2029, much faster than the average for all occupations. The demand for skilled professionals in the IT industry, including those with expertise in WebLogic, is expected to remain high as businesses continue to rely on technology to improve their operations and stay competitive in the global marketplace.

Designations:

- WebLogic Administrator
- WebLogic Developer
- Middleware Administrator
- Middleware Developer
- WebLogic Consultant

Why WebLogic Training Course from Education Nest

- **Free Demo on Request**
- **Live Interactive Learning**
- **Lifetime Access**
- **Flexible Schedules**
- **24x7 Support**
- **One on One Doubt Clearing**
- **Real Time Project-Based Learning**
- **Certificate Oriented Curriculum**

Key Skills Covered:

- WebLogic HTTP Server
- System Administration
- Instance Management
- Backup and Recovery
- WebLogic security administration
- Performance Tuning
- WebLogic Applications
- Installation and Configuration
- WebLogic connections to database layer

WebLogic Training Course Syllabus

Module 1: Introduction of WebLogic

- What is WebLogic?

- What is JDK?
- JDK & WebLogic installation
- WebLogic & JDK directory structure.
- Starting and Stopping WebLogic Server
- WebLogic Providing Services

Module 2: Architecture & Concepts

- WebLogic Architecture, Domain and Domain Home
- Types of Servers, Cluster and Dynamic Cluster 12c
- JDBC, JMS, Node Manager, Security Realm and MultiTenancy

Module 3: WebLogic Install & Configure

- Installation Overview
- Configure Domain Overview
- Directory Binaries & Domain and JDK Installation
- Install WebLogic Server 12c & Configure Domain WebLogic 12c
- Extending Domain and Install Configure Hands-on Exercise

Module 4: File System & Start-Stop

- Directory Structure WebLogic Server
- Domain Configuration
- Start-Stop Admin & Managed Server
- Start-Stop Node Manager
- Enabling Auto Login by Using the Boot Identity File

Module 5: Console

- Overview of the Admin Console
- Introduction to FMW Control
- What can we do with FMW Control
- FMW Control VS WLS Admin Console & QA

Module 6: Understanding Data Source (JDBC) & Deployment

- Overview of JDBC
- Types of Data Sources
- How Data Source Works
- Overview and Types of Applications
- Deployment Staging Modes and Q&A

Module 7: Setting Up Java Messaging Service (JMS)

- Overview of JMS
- JMS Server Migratable Targets & JMS Modules
- JMS SubDeployment & JMS Destinations & JMS Bridge

Module 8: Clustering

- What is clustering?
- What is clustering?
- Pack Unpack & Demo on HA Clustering
- Dynamic Cluster & Cluster Messaging Communication
- JNDI WL Domain
- Load Balancing Algorithms
- Cluster Topologies & Demo on JNDI and Dynamic Cluster

Module 9: Security Concepts and Configuration

- Create User Group with Default Authentication
- Light Weight Directory Access Protocol & Demo on User Group LDAP
- SSL Communication
- Public & Private Key & SSL Certificate
- KeyStore
- SSL OHS & WebLogic Server & MOD WL OHS

Module 10: Patching & Upgrade

- Patching in FMW_ What, Why & How
- Find Recommended Patch
- Opatch Patching Oracle Homes & BSU Patching WebLogic Homes
- PSA Patching FMW Schema
- Upgrade
- Patching & Upgrade Practical

Module 11: Backup & Recovery

- Backup Overview & Types of Backup
- Directory or Component to Backup & Backup Tools & Strategy
- Overview of Recovery, Backup Recommendations & QA

Module 12: Performance Tuning

- WebLogic profiling & Performance Tuning Process
- Performance Factors & Operating System Kernel params Tuning
- Heap Size Tuning & Monitoring JVM Performance
- JVM,JDBC & JMS Tuning
- JVM Memory Structure & GC Algorithms

Career Support

Profile Building:

Experienced professionals are available to offer tailored assistance in crafting your CV and online profiles, taking into account your unique educational and experiential background.

Interview Preparation:

The upcoming interview preparation service will include personalized one-on-one sessions and the option for mock interviews if needed.

Job Referrals:

At Education Nest, we receive a variety of job requirements from diverse sources such as organizations, our clients, HR consultants, and a vast network of Education Nest currently employed in different companies. We strive to meet these varied requirements to the best of our abilities.

Continuous Support:

We offer continuous support for as much time as you need it, and a considerable number of our learners receive multiple interviews offers and promising employment opportunities as a result of the abilities they gain during the program.