Oracle WebLogic Server 14c: Troubleshooting Workshop Course

Course Duration: 16 Hrs.   **Course Code: D108139**

Course Overview

The Oracle WebLogic Server 14c: Troubleshooting Workshop course provides hands-on expertise in identifying, diagnosing, and resolving complex issues in WebLogic Server environments. Learners will explore diagnostic tools, advanced logging, performance tuning, and error analysis techniques to maintain system stability. The workshop emphasizes real-world troubleshooting scenarios to ensure participants are fully prepared to manage enterprise WebLogic deployments effectively.

What you'll learn?

By completing this course, you will be able to:

- Diagnose JVM, server, and application-level issues.
- Use WebLogic Diagnostic Framework (WLDF) for monitoring and analysis.
- Configure logging, instrumentation, and diagnostic modules.
- Troubleshoot JDBC, JMS, and connection pooling problems.
- Analyze thread dumps, heap dumps, and server logs.
- Identify and resolve performance bottlenecks.
- Apply best practices for proactive problem management.

Target Audience

This course is designed for:

- Middleware Administrators
- Technical Support Engineers

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- System Administrators
- WebLogic Server Administrators
- IT professionals responsible for application server troubleshooting

Pre-Requisites

Participants should have:

- Completed Oracle WebLogic Server 14c: Administration I and II training or equivalent hands-on experience
- Strong knowledge of WebLogic Server configuration and deployment
- Familiarity with Java EE, networking, and operating systems basics

Course Content

Module 1: Introduction to Troubleshooting WebLogic Environments

Module 2: Understanding Logs, Monitoring, and WLDF Tools

Module 3: Troubleshooting JVM and Server Performance Issues

Module 4: Diagnostics for JDBC, JMS, and Connection Pools

Module 5: Analyzing Memory, Thread Dumps, and Heap Dumps

Module 6: Security and Authentication Issue Troubleshooting

Module 7: Application Deployment and Runtime Error Analysis

Module 8: Proactive Monitoring, Alerts, and Best Practices

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