OWS14c-PTW: Oracle WebLogic Server 14c: Performance Tuning Workshop

Course Code: OWS14c-PTW
Duration: 3 days
Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

This *Oracle WebLogic Server 14c: Performance Tuning Workshop* Certification is a specialized qualification that demonstrates proficiency in optimizing the performance of Oracle WebLogic Server applications. It covers concepts like JVM performance tuning, garbage collection, and network optimization. It's crucial for Industries relying on Oracle's Java EE application server solution as it helps in efficient resource utilization, reduces downtime, lowers costs and improves application performance. This certification equips IT professionals with the knowledge to diagnose and solve performance problems, appropriate configuration of server elements, and effectively manage and monitor resources, thus enhancing operational efficiency and productivity.

SKILLS COVERED

After completing Oracle WebLogic Server 14c: Performance Tuning Workshop certification training, an individual acquires skills:

- Understanding performance objectives and issues
- Using performance tuning methodology and tools
- Tuning the Java Virtual Machine (JVM)
- Optimizing web application components
- Tuning database connections and Oracle WebLogic Server clusters.
- Troubleshoot common performance problems and implement long-term performance management practices.

WHO SHOULD ATTEND?

- Database Administrators interested in enhancing server performance
- IT professionals responsible for system performance optimization
- Network Engineers seeking to improve application response times
- Software Developers looking to optimize WebLogic Server applications
- Solutions Architects planning to design and implement highly efficient systems
- Server Administrators focused on achieving optimal system throughput

PREREQUISITES

- Thorough knowledge of WebLogic Server functionality
- Familiarity with WebLogic Server 14c features
- Prior experience in system/server administration
- Good understanding of Java Enterprise Edition (Java EE)
- Basic knowledge of database and networks
- Familiarity with Oracle Database and JVM performance tuning.

MODULES

Module 1: Course Introduction

Module 2: Performance Tuning: Overview

Module 3: Tuning Operating System Resources

Module 4: Tuning HotSpot JVM

Module 5: Monitoring and Tuning Server Performanc

Module 6: Monitoring and Tuning Cluster Performance

Module 7: Tuning JDBC Performance

Module 8: Configuring Work Managers

Module 9: Tuning Java EE Applications

Module 10: Oracle Cloud

Module 11: Oracle Java Cloud Service Overview

Module 12: Appendix: Reference Slides

END OF PAGE