

Szkolenie: Oracle  
Oracle WebLogic Server 12c: Performance Tuning Workshop

FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Cyfrowe	4470 PLN NETTO*	3 dni
Stacjonarne	Tablet CTAB	5070 PLN NETTO*	3 dni
Metoda dlearning	Cyfrowe	4470 PLN NETTO*	3 dni
Metoda dlearning	Tablet CTAB	4470 PLN NETTO*	3 dni

\* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

## LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00

Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

## Cel szkolenia:

This **Oracle WebLogic Server 12c: Performance Tuning Workshop** teaches you how to monitor the effects of a running Oracle WebLogic Server application on the overall system. Expert Oracle University instructors will teach you through interactive instruction, walking you through new concepts, while diving into real-world applications.

### Learn how to:

- Describe a typical performance methodology.
- Use a load-testing tool such as the Grinder.
- Use command-line and graphical tools such as jps, jcmd, Java VisualVM, Mission Control, and Flight Recorder.
- Generate and analyze performance data.
- Tune operating system resources.
- Tune Java Virtual Machine (JVM) and Oracle WebLogic Server parameters.

## Plan szkolenia:

- Tuning Methodology
  - Introduction to Performance Tuning
  - Benchmarking
  - Load and Stress Testing

- Identifying Bottlenecks
- Performance Monitoring and Testing Tools
- Tuning Operating Systems
  - Operating System Resources
  - Linux Performance Monitoring
- Monitor and Tune JVM Performance
  - JVM Performance: Overview
  - The JVM and Garbage Collection
  - Command-Line JVM Tools
  - GUI JVM Tools
- Monitor and Tune Server Performance
  - Domain Startup Mode
  - On-Demand Deployment
  - Native I/O Performance Pack
  - Overload Protection
  - Garbage Collection Thresholds
  - Connection Backlog
  - Secure Sockets Layer (SSL) Tuning
  - Logging Considerations
- Monitor and Tune Cluster Performance
  - Clustering: Review
  - Load Balancing and Failover
  - HTTP Session Persistence: Review
  - Deployment Packaging
  - Peer-to-Peer Communication
  - Basic Cluster Architecture
  - Multitier Cluster Architecture
  - Load Balancers
- Monitoring and Tuning Data Sources and Persistent Stores
  - JDBC: Review
  - JDBC and Application Design
  - Connection Pools
  - Logging Last Resource (LLR) Transactions
  - Batch Updates
  - Transactions
  - Persistent Stores

- Database Tuning
- Configuring Work Managers
  - Monitoring a Server Thread Pool
  - WebLogic Server Thread Tuning
  - Work Manager
  - Work Manager Configuration
  - Tuning Transactions
- Monitoring and Tuning Java EE Applications
  - Tuning Web Applications
  - Tuning Enterprise JavaBeans (EJBs)
  - Tuning JPA
  - Tuning Web Services

## Wymagania:

Wymagane prerekwizyty:

- Adequate knowledge of administering Oracle WebLogic Server
- [Oracle WebLogic Server 12c: Administration I](#)

Sugerowane prerekwizyty:

- Basic knowledge of Java programming

## Poziom trudności



## Certyfikaty:

Uczestnicy szkoleń otrzymają zaświadczenia o ukończeniu kursu sygnowane przez firmę Oracle.

## Prowadzący:

Autoryzowany wykładowca Oracle.

## Informacje dodatkowe:

## Recommended Related Training Courses:

- [Oracle WebLogic Server 12c: Enterprise Manager Management Pack](#)

This training enables WebLogic Server administrators to provision, manage, and monitor multiple WebLogic domains with Enterprise Manager Cloud Control.

- [Oracle WebLogic Server 12c: Administration II](#)

This Oracle WebLogic Server 12c: Administration II training teaches you how to perform important Oracle WebLogic Server administrative tasks. It's a continuation of the Oracle WebLogic Server 12c: Administration I course.

- [Oracle Coherence 12c: Share and Manage Data in Clusters](#)

This Oracle Coherence 12c: Share and Manage Data in Clusters training teaches you about Coherence, Coherence caches and Coherence development. Review Coherence caching concepts, application objects, performance and WebLogic Server and more.