Java Performance Tuning Ed 1

CODICE	DURATA	PREZZO	LINGUA	MODALITÀ
D82344GC10	3 Giorni	1.800,00€ (iva escl.)	Italiano	Virtual Classroom Corso in aula

SCHEDULAZIONE

- A Richiesta

PREREQUISITI

Java SE 7 Fundamentals

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Suggested Prerequisites

Developing Applications for the Java EE 6 Platform

Java SE 7 Develop Rich Client Applications

Java SE 7 Programming

Java SE 7: Develop Rich Client Applications

Sviluppo di applicazioni per la piattaforma Java EE 6 (FJ-310-EE6)

Audience

Java Developer

Java EE Developer

Support Engineer

System Administrator

Technical Consultant

OBIETTIVI

Describe basic principles of performance

Describe the operation of generational garbage collection

List the garbage collectors available in Java including the G1 collector

Monitor performance at the JVM and application level

Monitor and analyze Java application performance using Java Mission Control and Flight Recorder

Monitor operating system performance on Solaris, Linux, and Windows

Profile the performance of a Java application

Tune garbage collection in a Java application

Apply basic performance tuning principles to a Java application

CONTENUTI

Tuning with Parallel GC

Tuning with Concurrent GC

Tuning with G1 GC

Language Level Concerns and Garbage Collection

Object Allocation

Working with Large Objects

Explicit Garbage Collection

Finalizers

Memory Leak Detection Tools

Object References

Description:

This Java Performance Tuning with Mission Control and Flight Recorder training helps you build a conceptual background for Java garbage collection. Expert Oracle University instructors will teach you how it it applies to Java garbage collectors on the Hotspot JVM, including the new G1 garbage collector.

Learn To:

Monitor, profile and tune your Java applications.

Use command line and visual tools to perform these tasks.

Get hands on practice with Visual VM, Java Mission Control, Flight Recorder and the NetBeans IDE.

Use these tools and techniques to analyze Java 7 and earlier JVMs.

Effectively apply tools like Java Mission Control and Flight Recorder to your daily work.

Benefits to You

By investing in this course, you'll learn how Java garbage collection works and how it affects your applications. You'll develop the knowledge to select the appropriate garbage collector and performance goal for your applications.

Furthermore, you'll know how to use the new Mission Control and Java Flight Recorder tools to monitor and analyze your applications.

Live Virtual Class format

A Live Virtual Class (LVC) is exclusively for registered students; unregistered individuals may not view an LVC at any time. Registered students must view the class from the country listed in the registration form. Unauthorized recording, copying, or transmission of LVC content may not be made.

Prezzi e corsi potrebbero subire variazioni; si consiglia di verificare sul sito www.novanext.it/training.