Oracle WebLogic Server 11g: Monitor and Tune Performance

CODICE	DURATA	PREZZO	LINGUA	MODALITÀ
D64647GC20	3 Giorni	1.800,00€ (iva escl.)	italiano	Virtual Classroom Corso in aula

SCHEDULAZIONE

- A Richiesta

PREREQUISITI

Il corso è rivolto a:

- Responsabili di progetto

- Amministratore Web

Prerequisiti obbligatori:

- Fair knowledge of administering Oracle WebLogic Server

Prerequisiti suggeriti :

- Basic knowledge of Java programming

Recommended Related Training Courses:

Oracle WebLogic Server 11g: Advanced Administration

This Weblogic Server 11g training teaches experienced WebLogic Server administrators advanced techniques to manage, monitor, troubleshoot & optimize application server environments. Learn to use advanced messaging, security & clustering features.

Oracle Fusion Middleware 11g: Virtual Assembly Builder

This course gives administrators the ability to quickly capture a complex middleware deployment, reproduce it in the cloud, and scale it to meet changing workloads. Attendees will learn how to use the combination of Oracle Virtual Assembly Builder and Oracle VM to build, deploy, and manage middleware assemblies.

Oracle WebLogic Server 11g: Administration Essentials

This WebLogic Server 11g training teaches web administrators how to install and configure Oracle WebLogic Server 11g. Learn to deploy Java EE applications to Oracle WebLogic Server 11g using the Administration Console.

Oracle Fusion Middleware 11g: Administration Overview

This Oracle Fusion Middleware 11g course teaches you tasks, tools and techniques to administer the principal products and components of Oracle Fusion Middleware. Expert instructors will show you how to deploy applications and more.

Oracle Exalogic Elastic Cloud 2.0: System Administration

This Oracle Exalogic Elastic Cloud 2.0: System Administration teaches data center administrators how to configure, manage & monitor the hardware & software components of Oracle Exalogic. Learn how to apply Oracle's best practices for storage, networking & more.

Oracle WebLogic Server 11g: Diagnostics and Troubleshooting

This Oracle WebLogic Server 11g: Diagnostics and Troubleshooting training teaches experienced Oracle WebLogic Server administrators the methodologies and tools to troubleshoot common technical issues. Learn to identify the symptoms & causes of typical problems.

OBIETTIVI

- Describe performance tuning methodology and tools

- Configure performance evaluation tools

- Use the JRockit Mission Control to monitor JRockit JVM

- Use JRockit Flight Recorder to record and analyze JRockit performance data

- Use Java Visual VM to monitor Hotspot JVM

- Use the Grinder to record performance test data and tune JVM

- Configure and use Work Manager

- Tune performance of Web applications

- Configure and tune JDBC performance

- Configure and tune EJB performance

- Configure and tune JMS performance

- Describe performance considerations for clusters

CONTENUTI

Introduction to Performance Monitoring
Overview of Performance Methodology
Importance of Performance Tests and Benchmarks
Introduction to Load and Stress Test Tools
Configuring the Grinder
Introduction to Oracle Application Testing Suite

Monitoring and Tuning JRockit JVM
Overview of Java Virtual Machines
Understanding Garbage Collection and Heap Fragments
JRockit JVM Benefits
JRockit Mission Control
JRockit Flight Recorder
JRockit Memory Leak Detector
Tuning JRockit JVM Garbage Collection
Configuring JVM Parameters

Tuning Hotspot JVM
Overview of Hotspot JVM
Tools for Monitoring Hotspot JVM
Using Java Visual VM
Command-line Tools to Monitor Hotspot JVM
Understanding JVM Ergonomics
Use of Throughput Goal
Use of Footprint Goal
Configuring JVM Parameters

Configuring Work Managers
Introduction to WLS Self-tuning
What is Work Manager?
Threadpool and Priority
Scheduling Guidelines
Work Manager Configuration
Work Manager Scope and Sharing Constraints
Introduction to CommonJ

Configuring Other WebLogic Server Resources
Domain Startup Mode
Native IO Performance

Stuck Threads

Tuning Chunk Size

Connection Backlogs

Using the JSP Compiler jspc

Using the Precompile Option

Setting JSP Page Check Interval

Setting Servlet Reload Check Interval

Defining WebLogic Cache Tag

Tuning JDBC

Tuning Connection Pools

Tuning Statement Caches

Performing Batch Updates

Tuning Transactions

Tuning Database Specific Parameters

Tuning EJB

Tuning Pool Size

Tuning Cache Size

Tuning Concurrency Strategy

Tuning Entity Bean Parameters

Tuning Transactions

Tuning EJB Clients

Tuning JMS

Tuning JMS Clients

Defining Aggregation and Message Pipeline

Describing Persistence Techniques

Listing Throttling Techniques

Considerations for Store and Forward message

Tuning WebLogic Server Clusters

Architectural Consideration

Load Balancers and Firewalls

Session Persistence

General Tuning Tips

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