

# **Expert Oracle Database 10g Administration**

## **Table of Content:**

### **Chapters:**

#### **Part 1 - Background, Data Modeling and UNIX/Linux**

Chapter 1: The Oracle DBA's World

Chapter 2: Relational Database Modeling and Database Design

Chapter 3: Essential UNIX (and Linux) for the Oracle DBA

#### **Part 2 - Oracle Database 10g Architecture, Schema and Transaction Management**

Chapter 4: Introduction to the Oracle 10g Architecture

Chapter 5: Schema Management

Chapter 6: Oracle Transaction Management

#### **Part 3 - Installing Oracle Database 10g, and Creating and Upgrading Databases**

Chapter 7: Installing the Oracle Database 10g RDBMS

Chapter 8: Upgrading to Oracle Database 10g

Chapter 9: Creating an Oracle Database

#### **Part 4 - Connectivity and User Management**

Chapter 10: Connectivity and Networking

Chapter 11: User Management and Database Security

Chapter 12: Using SQL Plus and iSQL Plus

#### **Part 5 - Data Loading, Backup and Recovery**

Chapter 13: Loading and Transforming Data

Chapter 14: Using Data Pump Export and Import

Chapter 15: Backing Up Databases

Chapter 16: Database Recovery

#### **Part 6 - Managing the Operational Oracle Database**

Chapter 17: Automatic Management and Online Capabilities

Chapter 18: Managing and Monitoring the Operational Database

Chapter 19: Using Oracle Enterprise Manager

Chapter 20: Managing Oracle Databases on Windows and Linux Systems

## **Part 7 - Performance Tuning**

Chapter 21: Improving Database Performance: SQL Query Optimization

Chapter 22: Performance Tuning: Tuning the Instance

## **Part 8 - The Data Dictionary, Dynamic Views and the Oracle-Supplied Packages**

Chapter 23: The Oracle Data Dictionary and the Dynamic Performance Views

Chapter 24: Using Oracle PL/SQL Packages