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Problems"; "Working the Problems"; "On to Chapter 2"; "Chapter 2: Key Concepts"; "Selectivity and Cardinality"; "What Is a Cursor?"; "Life Cycle of a Cursor"; "How Parsing Works"; "Shareable Cursors"; "Bind Variables"; "Advantage"; "Disadvantage"; "Best Practices"; "Reading and Writing Blocks"; "Instrumentation"; "Application Code"; "Database Calls"; "PL/SQL"; "OCI"; "JDBC"; "The Legacy Way"; "The Contemporary Way"; "ODP.NET"; "PHP"; "On to Part 2"; "Part II : Identification"

"Chapter 3: Analysis of Reproducible Problems""Tracing Database Calls"; "SQL Trace"; "Enabling SQL Trace with ALTER SESSION"; "Enabling SQL Trace with DBMS_MONITOR"; "Session Level"; "Client Level"; "Component Level"; "Database Level"; "Enabling SQL Trace with DBMS_SESSION"; "Triggering SQL Trace"; "Timing Information in Trace Files"; "Limiting the Size of Trace Files"; "Finding Trace Files"; "Structure of the Trace Files"; "Using TRCSSESS"; "Profilers"; "Using TKPROF"; "TKPROF Arguments"; "Interpreting TKPROF Output"; "Using TVDXTAT"

"Why Is TKPROF Not Enough?""Installation"; "TVDXTAT Arguments"; "Interpreting TVDXTAT Output"; "Profiling PL/SQL Code"; "Using DBMS_HPROF"; "Installing the Output Tables"; "Gathering the Profiling Data"; "Manually Reporting the Profiling Data"; "Using PLSHPROF"; "Using a GUI"; "Using DBMS_PROFILER"; "Installing the Output Tables"; "Gathering the Profiling Data"; "Manually Reporting the Profiling Data"; "Using a GUI"; "Triggering the Profilers"; "On to Chapter 4"; "Chapter 4: Real-Time Analysis of Irreproducible Problems"; "Analysis Roadmap"

"Dynamic Performance Views"

Sommario/riassunto

Troubleshooting Oracle Performance, 2nd Edition is your systematic guide to diagnosing and resolving performance problems in database-backed applications involving Oracle's database engine. Christian Antognini brings a decade and a half experience to his topic. His first edition is one of the most well-respected books in its field. This second edition has been rigorously updated to cover the latest developments in Oracle Database 11g Release 2 through Oracle Database 12c. What do you do when your database application isn't running fast enough? You troubleshoot, of course. Finding the slow part of an application is often the easy part of the battle. It's finding a solution that's difficult. Troubleshooting Oracle Performance, 2nd Edition helps by providing a systematic approach to addressing the underlying causes of poor database application performance. The author freely shares his experience while explaining the underlying foundations of how SQL statements are executed by the Oracle database engine. You'll be able to draw a solid foundation of theory and shared experience as you face head-on the performance challenges in your daily work. Written for developers by an application developer who has learned by doing Gives a systematic approach to solving database application performance problems Helps you plan for performance as you would for any other application requirement.
