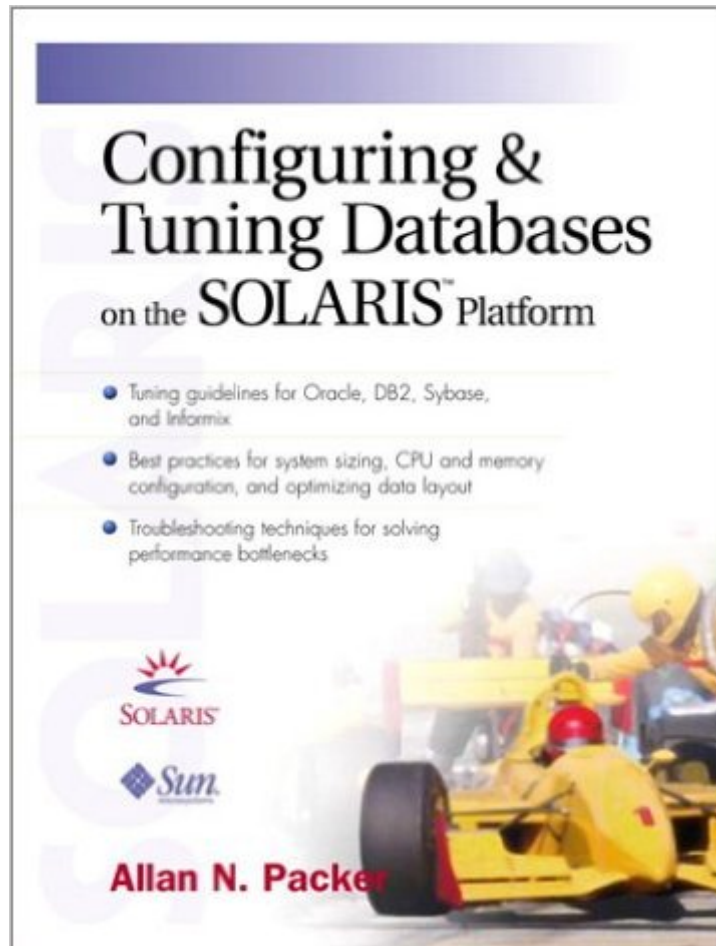## The book was found

Configuring And Tuning Databases On The Solaris Platform

Synopsis

Turbocharge your Oracle, DB2, Sybase, or Informix database environment! Covers every aspect of database and Solaris Operating Environment tuning Optimize data layout, CPU and memory configuration, and system sizing Identify and resolve bottlenecks, step-by-step Understand industry-leading benchmarks Maximize the performance of any enterprise database running on the Solaris Operating Environment! Using this book, database professionals can optimize the performance and cost-effectiveness of virtually any database application running on the Solaris platform. Database specialist Allan Packer presents start-to-finish guidance for optimizing all four leading Solaris platform databases: Oracle (including Oracle9i), DB2, Sybase, and Informix XPS. Drawing on years of expertise as an engineer at Sun, Packer brings together best-practice guidelines for every aspect of Sun database server tuning. Optimizing data layout, CPU and memory configuration, and system sizing Identifying and resolving bottlenecks: a systematic, drill-down monitoring approach Understanding database optimizers, database buffer cache, and other key subsystems Demystifying the industry''s leading benchmarks-and recognizing their limitations Understanding the impact of Java technology on database application design Contains a quick primer on database architecture and concepts

Book Information

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Customer Reviews

Don't be deceived by the title. Although this gem focuses on Sun's Solaris operating system, which is a widely used flavor of Unix, much of it is applicable to AIX, HP-UX, Linux, etc. Packer's

considerable breadth and depth of knowledge and experience show on every page. He shares a discipline with his readers that enables them to configure and tune their databases and operating systems.A sampling of headers illustrates the broad, ambitious scope of the book. Topics include SMP, NUMA, Clusters, tuning the buffer cache, database optimizers, OLTP, DSS, memory management, logical and physical storage, system sizing and capacity planning, high availability, performance troubleshooing, measurement tools and analysis, database and system tuning guidance, scalability, strengths and weaknesses of the TPC benchmarks, etc. Packer successfully covers his material by focusing attention on what he has found to work and has a significant performance impact. Many of these are found in rules of thumb that are generously sprinkled throughout the book.Packer shares a layered approach to a complex subject. He builds an architectural foundation (operating system fundamentals and RDBMS internals). His database discussion is limited to Oracle, DB2, Sybase, and Informix. If one uses another product, his discussion should highlight architectural areas that should be understood by system administrators or database administrators (who all too frequently understand their domain but not the other's). The same level of product understanding is necessary to configure and tune other products for performance. Packer builds on a architectural foundation with metrics and analysis. He presents a methodology that is pragmatic and efficient.

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