IBM DB2 Performance Expert for Multiplatforms, Version 1

Highlights

- **Controls and tunes the performance of IBM DB2 Universal Database and DB2 applications**

- **Provides expert analysis, a real-time online monitor and a range of reports**

- **Includes a performance warehouse for storing performance data and analysis tools**

- **Features support to enhance DB2 on Linux, UNIX and Microsoft® Windows®**

IBM DB2 Performance Expert for Multiplatforms simplifies cross-platform operations for database administrators.

Elevating database performance to new levels

As businesses strive to respond to the demands of today's marketplace, it is more important than ever to have the right IT environment in place. An integral piece of that foundation is the database — housing vital corporate and customer-related data. That's why the database must perform at optimum levels.

Fortunately, IBM is making it easier than ever to maximize the efficiency of your information management platform. IBM DB2® Performance Expert for Multiplatforms, Version 1 is a comprehensive tool to foster optimal database performance. The software supports IBM DB2 Universal Database™ on IBM AIX®, Microsoft Windows, Linux, HP-UX and Sun Solaris Operating System. And to further simplify cross-platform operations for database administrators, the tool shares a common user interface with IBM DB2 Performance Expert for the IBM z/OS® and OS/390® operating systems.

Providing sophisticated functionality, DB2 Performance Expert is a feature-rich tool that helps to keep your information management platform performing at its best. The software enables you to optimize buffer pools, guides you in tuning your database for maximum throughput, and helps improve database capacity and reliability. The range of capabilities DB2 Performance Expert provides includes:

- *Analyzing the efficiency of DB2 and DB2 applications online, sending immediate alerts about problems and monitoring individual or multiple DB2 partitions in parallel from one control point.*
- *Viewing and examining the status of DB2 instances and DB2 applications while they are active, or investigating past events and performance problems.*
- *Accessing useful tuning recommendations, recognizing trends and anticipating potential bottlenecks.*

Monitoring the health of your database through detailed reports

DB2 Performance Expert provides relevant statistics to keep you informed about the health of your multiplatform databases. You can monitor databases for application information, drilling down to the structured query language (SQL) level or looking for locking conflicts to better understand the progress of the applications.

With the ability to present analytical results in specialized reports, DB2 Performance Expert can be tailored to suit each organization's unique needs. For instance, in a particular database application, you can find out the elapsed time to perform a query, the read and write activity involved and the SQL statements executed. DB2 Performance Expert report sets cover areas such as:

- *Database activity.*
- *SQL activity.*
- *Buffer pool activity.*

Leveraging autonomic computing for efficient operations

To help you maximize the efficiency of your database, DB2 Performance Expert includes a Performance Warehouse, which stores database performance data and analysis tools in a DB2 table. The Performance Warehouse helps you to realize the self-managing capabilities of DB2 Performance Expert to define, schedule and run automated processes, such as:

- *Collecting performance trace data, saving it to separate database tables — a performance database — and generating reports using the data saved.*
- *Using the saved DB2 performance data in the performance database for further investigation and trend analysis.*
- *Configuring and scheduling the load and report process from the workstation GUI.*
- *Performing automatic upgrades of the performance database tables if the product supports new fields.*

Furthermore, using the Performance Warehouse function, you can analyze the data in the performance database utilizing queries that you define. In addition, by leveraging of predefined queries you can quickly and easily identify performance bottlenecks and many other potential issues.

Protecting your investment

Part of the IBM portfolio of performance management tools, DB2 Performance Expert supports DB2 Universal Database, Versions 7.2 and 8, and runs on Linux, UNIX® and Windows. Furthermore, DB2 Performance Expert is backed by IBM services and support to help you achieve maximum return on your investment. To learn more about services from IBM tools specialists and IBM Business Partners, visit **ibm.com**/software/data/db2imstools/services.html. To access product information, hints and tips, frequently asked questions and IBM Redbooks, go to **ibm.com**/software/data/db2imstools/support.html.

For more information

Please contact your IBM marketing representative or IBM Business Partner or call 1-800-IBM-CALL within the US.

Also visit our Web site at **ibm.com**/software/data/tools/mptools.html

When ordering DB2 Performance Expert for Multiplatforms, please refer to program number: D512-GLL. When ordering DB2 Performance Expert for Workgroups, please refer to program number: D52A-5LL.

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