IBM

DB2 Data Management Software

IBM Informix Extended Parallel Server, Version 8.40

Highlights

- *High-performance, flexible data warehousing enables integration of multiple traditional and Web-based business systems.*

- *Scalability supports rapidly growing data volumes and users.*

- *Comprehensive data management promotes efficient decision making in complex, mission-critical environments.*

Transform static data into dynamic information

What if you could efficiently collect, synthesize and manage the mountain of complex business data generated each day, turning it into relevant information for proactive, strategic decision making? This knowledge might be just what you need to race ahead of your competition.

IBM Informix® Extended Parallel Server™ (XPS) — a key element in any decision-support system — gives you the power to do all this and more. With this robust database server, you get the processing power to respond immediately to critical business questions as well as the scalability to accommodate data and user growth.

Informix XPS allows you to deploy sophisticated data mining or traditional decision-support applications with equal ease. It provides the flexibility and transaction power to query large amounts of data and helps you detect, predict and analyze trends. The Internet database functionality of Informix XPS allows you to integrate your data warehouse applications with e-business systems.

Get ready with high-performance data warehousing for intensive high-volume querying.

Synthesize and manage complex business data to race ahead of the competition.

- *Parallel data loading, enabling fast and easy data loading and unloading*

- *Online transaction processing (OLTP) performance for small queries.*

In addition, you can execute ad hoc queries on the go, update data while running queries and integrate new table fragments easily.

Aim for data management versatility

Using Informix XPS for your data warehousing solution offers many advantages, including:

- **Performance.** *Support intensive, high-volume querying with:*

  - *Full parallel query processing, using all of the CPUs on all nodes of the database server for faster query processing*

  - *Smart optimization that determines the best query plan without hints or directives*

- **Scalability.** *Start small and grow your data warehouse solution as needed. Add a node on demand to increase server capacity, or increase database server capacity temporarily for high-volume processing periods, thus maximizing the return on your IT investment.*

- **Flexibility.** *Enable front- and backend flexibility with a variety of access options, including Web browsers. Support multiple hardware configurations—SMP, MPP, clusters—on almost any UNIX® platform that meets your needs and budget. Control how sessions use database server resources. Select a flexible database schema that best fits your data and queries, and choose from a wide assortment of fragmentation methods for optimal data layout.*

New in Informix XPS, Version 8.40

Informix XPS, Version 8.40 has been enhanced to let you optimize performance and manage your resources more efficiently:

- *Snowflake schema queries are optimized for ultra-fast performance*

- *Several new features support simplified management, including distributed query support using I-Star technology*

- *A number of features in the area of reliability, availability, and serviceability (RAS) are included to enable database administrators (DBAs) and technical support staff to more easily support the product and diagnose issues at customer sites*

- *Defect removal, testing and other activities have improved the overall quality of this release, especially for backup and restore operations (OnBAR)*

Specific user functions incorporated into the latest release include:

- *Longer names for SQL objects, enabling more natural and consistent naming*

- *Simplified security planning with creation of generic roles for user privileges*

- *External table support for easier handling of files larger than 2 GB files*

- *Explanation of an SQL query plan from the optimizer without having to run the query*

- *Table ownership reassignment without having to unload and reload the table*

- *Ability to specify a default table type*

- *Table creation and data selection in one step for easier migration and simplified logic*

- *High-watermark monitoring of temporary space for tuning the system*

- *A **dbscheme** diagnosis tool enhancement to include row-count information per table*

- *Ability to specify extent information for temporary tables*

- *Message log recording of **onmode** and **onstat** for easier detection of server changes*

- *Coexistence of an Informix XPS database with DB2® in a heterogeneous environment using DB2 tools such as DB2 Warehouse Manager for data warehouse designing and extract, transform and load (ETL) and DB2 Relational Connect for connectivity to DB2.*

- *Improved platform support for new hardware technology including AIX 5.1 capability*

Informix XPS provides a powerful, flexible and easily expandable data repository for Web-enabled as well as traditional business, scientific and engineering applications. Informix XPS works seamlessly with a variety of data-warehouse query tools and scales to meet your expanding database challenges.

IBM ®

For more information

Please contact your IBM Marketing
Partner, or call 1 800 IBM CALL
(1 800 426-2255) within the U.S.
Also, go to our Web site at
ibm.com/software/data/informix

For Position Only

GC27-1488-02

e business software