

IBM Informix Extended Parallel Server, Version 8.32



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

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's needed to race ahead of your competition.

IBM Informix® Extended Parallel Server™ (XPS), Version 8.32—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.

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, which determines the best query plan without hints or directives*
 - *Parallel data loading, enabling fast and easy data loading and unloading*
 - *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.*

- **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, NUMA, 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 8.32

Informix XPS, Version 8.32 has been enhanced to let you optimize performance and manage your resources more efficiently:

- *Defect removal, testing and other activities have improved the overall quality of this release*
- *A number of features in the area of reliability, supportability and availability (RAS) enable database administrators (DBAs) and tech support staff to more easily support the product and diagnose issues at customer sites*
- *Additional features support ease-of-use for existing customers; for example, query construction for application developers has been simplified and failover support enhanced.*

Specific user functions incorporated into the latest release include:

- *Table expressions, which allow the use of general structured query language (SQL) queries in addition to the normal use of tables/views in the FROM clause of an SQL statement, making query formulation easier*
- *Creation of database security, using UNIX and group features to grant specific privileges to smaller groups of users*
- *Ability to change default dbspace, so that the DBA can designate the default dbspace in which a database is created*
- *Dynamic Coserver Management (DCM) enhancements, providing the user limited ability to add and delete coservers from a system without undertaking a complete reinitialization*
- *Optimizer derivatives, which keep the 8.x line compatible with 7.x and 9.x*
- *RAS functions, including the onmode utility, which accepts a new command for the q option, EXPLAIN*
- *Light append monitoring, which adds a new feature, “onstat g lap,” to onstat*
- *Dump environment variables, which adds a new feature, “onstat g env” to onstat.*

Informix XPS, Version 8.32 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.

For more information

Please contact your IBM marketing representative or an IBM Business Partner, or call 1-800 IBM CALL within the U.S. Also, visit our Web site at ibm.com/software/data/informix



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