IBM

IBM DB2 Universal Database for Linux on IBM POWER processor-based systems

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Highlights

■ *Leverage years of experience with DB2 Universal Database on Linux on POWER processor-based systems*

■ *Take advantage of a 64-bit database that makes the most of 64-bit Linux server capabilities*

■ *Enjoy the industry-proven, scalable, high performance database for Linux on POWER*

■ *Gain outstanding database performance at compelling price points*

IBM DB2® Universal Database™ is optimized to exploit the advantages of Linux® on the IBM @server® OpenPower™ and IBM @server pSeries® server families, offering robust database functionality with unmatched reliability, scalability and availability.

Choose flexible, easy-to-deploy database functionality on Linux on POWER

DB2 Universal Database was the first commercial database available for Linux on POWER™ processor-based systems. It offers a highly integrated solution for a variety of database

workloads. With industry-leading performance and reliability, running the solution on Linux on POWER helps lower total cost of ownership and provides a highly available and robust platform for on demand business™.

Combining proven technologies with broad choices for varying database requirements, DB2 Universal Database for Linux on POWER supports departmental database servers as well as critical OLTP and large data warehouses. The integrated solution is rapidly deployable, offering both 32- and 64-bit interoperability to accommodate new and legacy applications. And extensive service and support offerings from IBM can also provide skills portability for simplifying database migrations.

"Paired with the performance of the POWER servers, and the flexibility of Linux, DB2 gives us tangible performance gains and reduced TCO for our sales optimization solutions."

– Rocky Gunderson, VP Marketing and Business Development, Blue Martini
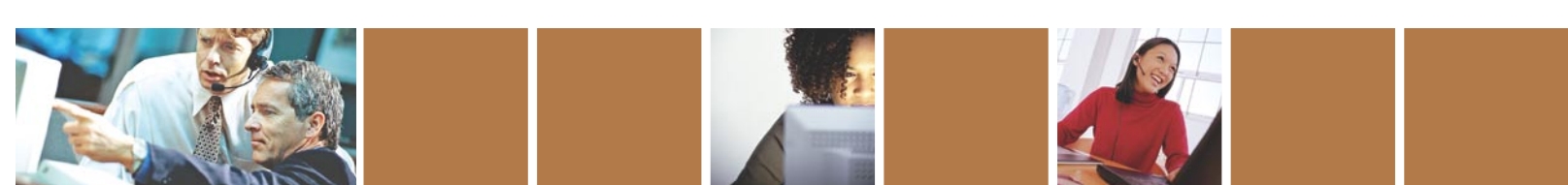
DB2 Universal Database leadership benchmarks

Recent TPC-H benchmark results showed DB2 Universal Database running on Linux on POWER as the industry leader in performance for a database on both 4-CPU configuration at 100GB[1] and 8-CPU configuration at 300GB[2].

Linux on POWER: Performance and flexibility without compromise

With 1-way to 64-way servers based on IBM Power Architecture™, IBM offers a wide range of Linux servers— giving you multiple computing options for hosting DB2 Universal Database that meet varying budgets without sacrificing performance. Systems based on IBM POWER4™ and IBM POWER5™ microprocessors provide proven technology used for applications ranging from game machines to supercomputers. These servers are tuned to combine the flexibility and cost-effectiveness of the Linux operating system with the scalability and robustness of the IBM POWER platform. And POWER5 processor-based systems optionally offer IBM Virtualization Engine™ capabilities like IBM Micro-Partitioning™ technology, which can automatically balance resources among virtual partitions in milliseconds.

Running DB2 Universal Database on Linux on IBM POWER processor-based systems gives customers a highly reliable database environment, along with a compelling price/performance ratio.

DB2 Universal Database on IBM @server pSeries and IBM @server OpenPower systems

DB2 Universal Database supports IBM pSeries and OpenPower systems, so you can choose the best system to meet your needs. pSeries systems expand to 64 processors, while OpenPower systems are available from one to four processors— at industry-standard price points. Both systems support 32- and 64-bit applications and provide advanced virtualization and high reliability to help reduce costs and make the most of resources. They also offer industry-leading robustness and power, delivering high levels of security, superior scalability and flexibility through features such as micropartitioning.

For more information

DB2 Universal Database on Linux on POWER processor-based systems can help your organization ensure the best possible database user experience and gain competitive edge through industry-leading performance and reliability. To learn more about DB2 Universal Database for Linux on POWER processor-based systems, visit:
ibm.com/db2/linux/

To learn more about Linux on POWER processor-based systems, visit:
ibm.com/linux/power

DB2® Information Management Software