Calpont Announces InfiniDB 3, Enhancing its Delivery of Big Data Analytics

Calpont Extends the Speed and Scalability of its Columnar Data Platform with Amazon EC2 Support and Parallel Data Load for Big Data Analytics Deployments

Santa Clara, CA, February 29, 2012 – Calpont Corporation announced today at the Strata Conference the next generation of its high performance analytic database, InfiniDB 3. InfiniDB was designed from the inception for large scale, high performance dimensional analytics, predictive analytics, and ad-hoc business intelligence. The new release boasts capabilities to capitalize on a variety of data structures and deployment variations to meet organizations' need for a flexible and scalable Big Data architecture that is simple to deploy and maintain.

InfiniDB is a massive parallel processing (MPP) columnar solution that executes SQL written queries as parallelized map and reduction operations, providing the best of both performance and scale for analytics. When companies query billions of data points, InfiniDB's unique two-tier distributed architecture optimizes query processing to all available CPU threads, minimizing I/O reads from disk, and accessing only the data required for analysis. Complex analyses that used to take hours now take minutes or seconds, with consistent and repeatable performance. Unlike, MapReduce, NoSQL and traditional row RDBMS offerings, InfiniDB is ready for large scale workloads out-of-box; requiring no indexes, materialized views, manual tuning, or manual partitioning – it all happens automatically.

Key Points of InfiniDB 3
- InfiniDB 3 scales for Big Data with provisioning and run-time operations on Amazon Elastic Compute Clouds (Amazon EC2). Prepackaged Amazon Machine Images (AMI) help speed deployments with the automatic provisioning of InfiniDB nodes on EC2. For organizations that expect rapid growth, built-in is the transparent support of EC2 virtual storage and data redundancy to meet Amazon Elastic Block Store (EBS) polices.
- InfiniDB 3 simplifies Big Data loading with new parallel data load options that can be customized and scaled in a manner that is most efficient for the organization. This can range from a simple single bulk load command to parallel bulk load commands that treat the data source as independent or shared. The automatic data distribution can occur across a suite of shared-nothing disk resources and grow linearly with tiers of data sources, files and commands.

Comments on the news
"Calpont InfiniDB has a familiar MySQL front-end interface that is comfortable for a large contingent of programmers and developers. Its ability to load and execute queries extremely fast on large amounts of data from a variety of sources, like Hadoop, has turned our MySQL developers into Big Data developers. Adding parallel loading just adds to the great performance we already get," commented Art Rebekale, Sr. Data Management Consultant in the online music industry.

"InfiniDB already combines the speed of columnar with the scale of map-reduce for the most demanding analytic environments. With InfiniDB 3, we've enhanced our capabilities to help organizations more rapidly digest massive data sets and gain access to new cloud computing power. This is especially important for companies in online marketing, ad serving, telecommunications, wireless and broadband network markets where large computing resources are required to maximize system availability and meet SLAs," said Jim Tommaney, CTO at Calpont Corporation. "InifiniDB's incredibly fast

load rate (1TB per hour) can now be parallelized across multiple nodes, further accelerating our industry leading load rates. Combining this with the addition of support for Amazon EC2 environments makes InfiniDB a versatile and attractive option for end users, OEM's, and ISV's investing in Big Data analytics."

InfiniDB 3 is scheduled for general availability in April 2012. For more information about Calpont InfiniDB or to try the Enterprise version, visit http://www.calpont.com

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About Calpont
Calpont Corporation is a provider of scalable, high-performance column-oriented analytic databases enabling ultra-fast, deep analysis of massive data sets. InfiniDB Enterprise is the emerging choice for demanding data warehouse, business intelligence, reporting, and analytic deployments. Known for its rapid implementation time, unmatched operational simplicity and extraordinary value, InfiniDB provides a proven solution for data-intensive businesses, including those in the software, online business, telecom, and social spheres. For more information, please visit www.calpont.com, join our community at www.infinidb.org, or follow us at twitter.com/calpont.

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