DataStax Adds In-Memory Option to Cassandra Database
Product News
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DataStax announced DataStax Enterprise 4.0, the latest version of its always-on database platform based on Apache Cassandra. DataStax Enterprise 4.0 introduces a powerful new in-memory option and enterprise search enhancements for significantly faster performance in use cases where companies must process data at the speed of business.

DataStax delivers a powerful NoSQL database platform to the enterprise that shortens the time to revenue for Cassandra deployments and extends the capabilities of Cassandra with enterprise-ready features such as search, security, analytics, in-memory computing and easy-to-use management tools. Seamless integration of real-time information with a production-certified version of Apache Cassandra helps organizations build scalable online applications that leverage hot data in real-time, in the context of their critical business application. DataStax customers include eBay, Netflix, Adobe, Constant Contact, Ooyala, and more than 20 companies in the Fortune 100.

"The rules for online data-driven applications have changed. For example, customers in financial services, online retail and healthcare are dealing with high-volume, highly dynamic data, and traditional databases fail under these modern and dynamic workloads. In order to scale and remain successful, organizations need the lightning performance that an in-memory database can offer," said Robin Schumacher, vice president, products, DataStax. "DataStax Enterprise 4.0 is the first NoSQL database to combine an in-memory option with Cassandra's always-on architecture, linear scalability and multi-datacenter support giving businesses what they need to build and scale online applications with zero downtime."

Performance Boosts and Search Enhancements
Today's dynamic, high volume and data-driven business culture has created new types of data sources emerging from the cloud, mobile devices, social media and machine sensor devices. For such applications, traditional relational databases such as Oracle simply run out of steam. DataStax Enterprise 4.0 gives businesses a powerful, modern database alternative to relational databases and helps them build online applications that scale as their business grows.