

Red Hat Unveils JBoss Data Grid 7 as Platform for Real-Time Data Analytics

JUL 27, 2016

Leading in-memory datastore serves up data faster for continuous business optimization

RALEIGH, N.C.--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced the general availability of Red Hat JBoss Data Grid 7. The latest version of [Red Hat's leading in-memory data management technology](#), which can be used as a distributed cache, NoSQL database, or event broker, introduces enhancements to help organizations generate insights for continuous business optimization through real-time data analytics, contributing to greater agility and competitiveness.

In today's digital world, opportunities to engage with customers can be fleeting. Organizations that are unable to quickly recognize and respond to these opportunities risk losing customers and revenue to competitors. This competitive edge is driven by the ability to collect, analyze, and act on data as it is generated, during the moment of customer interaction, and the speed necessary to seize these business opportunities can only be obtained through in-memory computing.

Cited as a leader in [The Forrester Wave™: In-Memory Data Grids, Q3 2015](#), JBoss Data Grid combines high performance with enterprise-class scale and flexibility, offering customers a powerful tool that can deliver data at the moment it is needed for real-time analysis.

JBoss Data Grid 7 addresses the need for faster data processing and more responsive applications by introducing new integration with [Apache Spark](#), an open source framework for developing data-intensive applications. Spark processes data in-memory, and when paired with an in-memory data store such as JBoss Data Grid, helps eliminate traditional bottlenecks. JBoss Data Grid is also now fully supported as a Hadoop-compliant data source. Support for Hadoop InputFormat and OutputFormat enables the use of many analytics tools that integrate with the Hadoop I/O format.

Additional enhancements in JBoss Data Grid 7 include simplified distributing computing operations based on the Java 8 stream API, remote task and script execution, expanded polyglot support, and various ease-of-use and administration improvements.

With its speed, scale, and high availability, JBoss Data Grid is an ideal data platform to complement [JBoss Enterprise Application Platform](#), Red Hat's industry-leading open source Java EE 7 compliant application platform, to help organizations reduce or eliminate data bottlenecks.

Availability

[JBoss Data Grid](#) is available for download by members of the [Red Hat Developers](#) community. Customers can get the latest updates from the [Red Hat Customer Portal](#).

Supporting Quotes

Mike Piech, vice president and general manager, Middleware, Red Hat

"For many organizations today, the primary challenge they face with big data is no longer storage volume, but rather how fast they can process data. Paired with an in-memory data processing engine like Spark, JBoss Data Grid can be used as a platform for real-time data analytics, contributing to faster and more effective customer engagements."

Your Business Is Only As Fast As Your Data, March 2016 Forrester Report

"Thanks to cloud computing and the mobile mind shift, executives, employees, partners and customers are connected and empowered to access information and communicate. This open, always on, and ready ecosystem demands real-time access to trusted data. As a result, enterprise architects must cope with new complex requirements for users, applications, and processes regarding the availability of business data. Any data bottleneck in this digital network can mean millions in lost revenue due to missed sales opportunities, customer defection, inefficient supply chains, and uninformed strategic decisions."

Additional Resources

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Red Hat, Inc.
Daniel Thompson, 978-589-1059
dthompso@redhat.com

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