

Red Hat Brings Big Data Integration to JBoss Middleware Portfolio

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Updates to JBoss Data Virtualization and JBoss Data Grid technologies give enterprises faster and more integrated access to data stores

RALEIGH, N.C.--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced new product enhancements designed to help enterprises get even more out of their big data solutions to make better and faster business decisions. Red Hat JBoss Data Virtualization 6.1 and Red Hat JBoss Data Grid 6.4, both available today, address specific challenges related to integrating big data environments for faster and more accurate application data feeds.

Red Hat offers a strong portfolio of technologies that help organizations turn massive amounts of data into actionable business opportunities. These technologies are designed to make data more manageable, accessible, and consistent for business-level analysis, and offer flexibility and performance at the application level.

Big data integration is a challenge commonly faced by modern enterprises. Today, data is spread throughout the organization across a growing number of applications and sources. At the same time, demands for integrated views of the data are on the rise as new technologies such as mobile join the ranks of traditional enterprise applications and business intelligence tools.

JBoss Data Virtualization is a data integration and services solution designed to unify multiple data sources to provide the right data, in the right form, at the right time, to applications and users. Building on its ability to integrate popular data sources such as Hadoop with relational and other data types, JBoss Data Virtualization 6.1 expands support of JBoss Data Grid as a data source with the ability to perform writes in addition to reads as well as provide an embedded cache in addition to the remote cache capability previously available. The update also expands the range of integrated and supported data services to include Cloudera Impala, Apache Solr, and MariaDB, and introduces various enhancements to development and deployment productivity capabilities.

JBoss Data Grid, Red Hat's high-performance in-memory data store, is now fully supported with the bi-directional read/write integration in the JBoss Data Virtualization 6.1 release. The enhancements allow the integration service to take advantage of library mode in JBoss Data Grid, enabling use either as an embedded cache or as a remote cache to bring real-time data closer for high performance, real-time data integration.

This integration enables organizations to build dynamic solutions for real-time next-best-action. Example use cases for this include location-based services for telecommunications providers, real-time marketing for e-commerce applications, social media analysis for emergency or security services, and more responsive monitoring for utilities providers.

JBoss Data Grid 6.4 also features a new integration with Red Hat JBoss Fuse, giving users distributed and elastic scale and mitigating the business risks associated with forcing these services to match the slow speed of the traditional database. In addition, this release introduces a key enhancement to detect changes to cluster entries, automatically self-heal after a replicated data center comes back online, and maintain consistency during network partitions.

[JBoss Data Virtualization](#) and [JBoss Data Grid](#) are available for download by members of the [JBoss developer](#) community. Current customers can get the latest update from the [Red Hat Customer Portal](#).

Supporting Quotes

Noel Yuhanna, principal analyst, Forrester

"Big data integration helps enterprises process large amounts of data on big data platforms quickly to support numerous use cases. It offers the ability to orchestrate data flow and processing across various big data platforms to support a single version of the true, consumer personalization, and data aggregation."¹

Mike Piech, general manager, Middleware, Red Hat

"Big data integration is a complex and real challenge facing enterprises today. IT must contend not only with a constantly changing data environment, but also with forces like mobile and IoT that are putting intense pressure on existing systems by demanding more throughput than they can handle. With tools like JBoss Data Virtualization and JBoss Data Grid, Red Hat can help enterprises unify and propel data in support of applications that are more responsive and aware."

Additional Resources

Learn more about [JBoss Data Virtualization](#) and [JBoss Data Grid](#)

Read "[Data as a Service: JBoss Data Virtualization and Hadoop powering your big data solutions](#)"

Learn more about [Red Hat's alliance with Cloudera](#) to deliver joint solutions for data integration and application development tools

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Forward-Looking Statements

Certain statements contained in this press release may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements provide current expectations of future events based on certain assumptions and include any statement that does not directly relate to any historical or current fact. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: risks related to delays or reductions in information technology spending; the effects of industry consolidation; the ability of the Company to compete effectively; the integration of acquisitions and the ability to market successfully acquired technologies and products; uncertainty and adverse results in litigation and related settlements; the inability to adequately protect Company intellectual property and the potential for infringement or breach of license claims of or relating to third party intellectual property; the ability to deliver and stimulate demand for new products and technological innovations on a timely basis; risks related to data and information security vulnerabilities; ineffective management of, and control over, the Company's growth and international operations; fluctuations in exchange rates; and changes in and a dependence on key personnel, as well as other factors contained in our most recent Quarterly Report on Form 10-Q (copies of which may be accessed through the Securities and Exchange Commission's website at <http://www.sec.gov>), including those found therein under the captions "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations". In addition to these factors, actual future performance, outcomes, and results may differ materially because of more general factors including (without limitation) general industry and market conditions and growth rates, economic and political conditions, governmental and public policy changes and the impact of natural disasters such as earthquakes and floods. The forward-looking statements included in this press release represent the Company's views as of the date of this press release and these views could change. However, while the Company may elect to update these forward-looking statements at some point in the future, the Company specifically disclaims any obligation to do so. These forward-looking statements should not be relied upon as representing the Company's views as of any date subsequent to the date of this press release.

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¹ [Market Overview: Big Data Integration, Forrester Research, Inc., Dec. 5, 2014](#)

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