

Red Hat and Azul Collaborate for High Density In-Memory Data Storage

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Alliance expands the scale and performance of JBoss Data Grid for big data environments

RALEIGH, N.C.--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced that it is bringing high density storage capabilities to its in-memory data management technology, Red Hat JBoss Data Grid, through an expanded alliance with Azul Systems. The agreement builds on a prior collaboration between the two companies and provides entitlements for Azul Zing with JBoss Data Grid subscriptions, enabling customers to better meet speed and volume needs for their big data environments.

Azul's Zing runtime for Java is designed to support high performance on-heap storage, making it well-suited for JBoss Data Grid deployments that feature large in-memory data sets. By providing Zing with JBoss Data Grid, Red Hat is extending support for persistent operation of Java instances that can manage up to eight terabytes of memory, designed to reduce the number of nodes needed in the cluster and simplify deployment and management.

Garbage collection pauses can be costly in industries where speed, consistency of performance, and uptime are important and data volume is increasing. Zing's C4 Garbage Collector is designed to eliminate these application execution hiccups that can be common in Java environments – a problem that can be exacerbated by the larger JVM heaps required for high performance big data applications. For these applications, JBoss Data Grid and Zing can offer consistent performance and scale.

Through the agreement, Zing is available as a zero-cost upgrade option for JBoss Data Grid users with support contracts.

Supporting Quotes

Matt Aslett, Research Director, Data Platforms and Analytics at 451 Research

"Modern applications can benefit from data grid technology to improve performance and availability and reduce latency. The combination of JBoss Data Grid and Zing provides Red Hat customers with the ability to take advantage of Zing's large on-heap storage and persistent operations to support next-generation, large-scale data processing for applications including low-latency stream processing, and search."

Scott Sellers, president and CEO, Azul Systems

"The Azul team works to always anticipate the ever-evolving landscape of both user and technological demands. With our expanded collaboration with Red Hat, customers can have access to a faster, more powerful and more scalable solution designed to address these requirements and better keep up with performance demands."

Rob Cardwell, vice president, Vertical Markets and Solutions, Red Hat

"We are pleased to deepen our relationship with Azul and plan to work together toward a common goal of helping customers improve the performance and scalability of their big data environments."

Additional Resources

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