Hortonworks

Application Performance Management for Big Data

Organizations are relying heavily on big data to help them understand more about their customers and users. The insights that big data provide are critical to maintaining a competitive edge because business decisions can be taken more quickly and effectively.
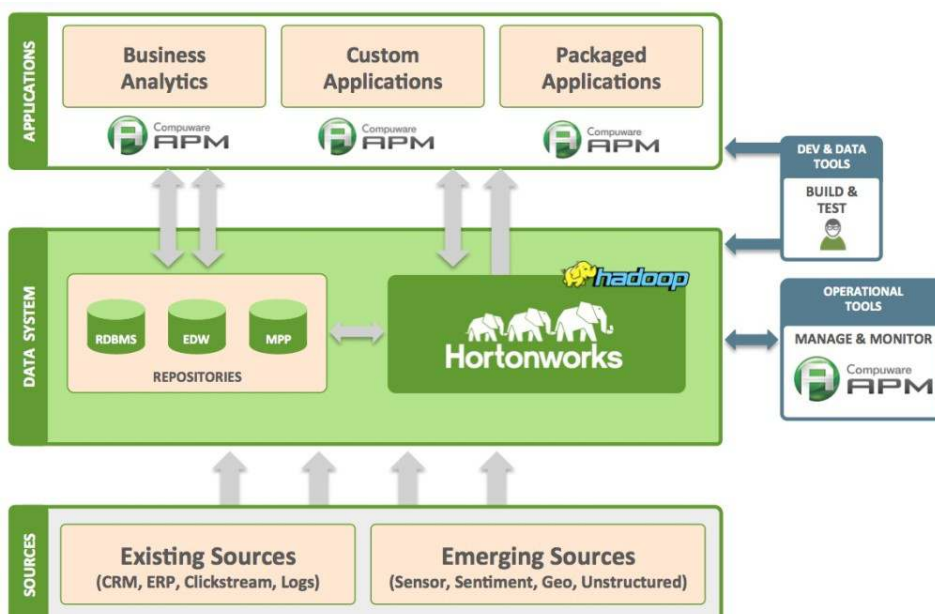
IT managers have the constant challenge of making sure their big data deployments are functioning optimally. If there are any problems with cluster configuration or job performance, often it takes days to pinpoint the underlying issues. An organization can lose valuable data and revenue with these types of delays.

Compuware, the leader in Application Performance Management (APM) for Big Data Applications provides deep insight into big data workloads and helps to pinpoint the root cause of inefficiencies or problems within minutes or hours instead of days. Compuware APM is unique in the industry because of its ease of use, proactive visibility and end user-centric reports. Compuware's patented PurePath Technology provides end-to-end visibility into application performance and behavior from big data infrastructure all the way to end user experience.

Features & Benefits of Combined Solution

- **100% visibility into Hadoop job details with out-of-the-box dashboards**

- **Integration with HDP 2.0 and YARN**

- **Automatically see all job performance hotspots by API**

- **Improved lifecycle efficiency and collaboration - Administrators can map transaction flows and identify bottlenecks**

Modern Data Architecture with Compuware APM

Compuware APM for Big Data can monitor existing data stores as well as Hadoop, making it an important part of the Modern Data Architecture (MDA). The latest release provides enhanced support for Hadoop and has been certified with Hortonworks Data Platform (HDP) 2.0 and YARN.

What Business Challenges are Solved?

- An understanding of cluster utilization across users, jobs, pools, queues and more. Resources can be tracked by users and business owners to assure SLAs.

- Deeper and more meaningful insight into big data deployments that make big data simpler to manage.

- Faster MTTR and lower operational costs using automated hotspot analysis.

- Industry leading performance insights

Compuware – a Hortonworks Certified Technology Partner

Compuware APM is the leader in a new generation of application performance management. Unlike traditional APM solutions that are heavy, difficult and reactive, Compuware APM is light, smart and proactive. Compuware APM is built to manage the complexity of today's most challenging modern applications including mobile, cloud, big data and SOA.

Compuware APM optimizes and monitors tens of thousands of applications for more than 5,000 customers, large and small, around the globe. Through the lens of end-user experience, our customers enjoy faster performance, proactive problem resolution, accelerated time-to-market and reduced application management costs through smarter analytics, advanced APM automation and a unique performance lifecycle foundation.

For additional questions, contact:

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Industry Successes

With more than 4,000 APM customers worldwide, Compuware is recognized as a leader in the "Magic Quadrant for Application Performance Monitoring" report. To read more about Compuware's leadership in the APM market, visit Compuware.com

"We partnered with Hortonworks because they understand the needs of enterprise customers building out production Hadoop systems. Big data complexity and scale elevates the need for a built-in, modern APM solution. With hundreds or even thousands of nodes and jobs, finding and fixing issues quickly becomes extremely complex and can delay business insights that impact top line revenue. By integrating Compuware APM with HDP, the Hadoop community can unlock valuable insight faster and deliver richer and more targeted experiences to their end users."

-- Blair Drenner, Vice President of Strategic Business Development

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About Hortonworks
Hortonworks develops, distributes and supports the only 100-perecent open source distribution of Apache Hadoop explicitly architected, built and tested for enterprise-grade deployments.

Hortonworks

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