Hortonworks

BMC Control-M for Hadoop

bmcsoftware

"We're excited to combine our IT management expertise with Hortonworks big data expertise, so we can streamline and integrate Hadoop adoption across the enterprise."

Shamoun Murtza
Director, Office of the CTO
BMC Software

Deriving business value from big data has become a major business imperative for companies to remain competitive. This new technology while still maturing is already becoming mission critical. Organizations are struggling to develop Hadoop applications and get them production-ready as quickly as possible. Building enterprise big data applications also requires integration with traditional IT technologies and applications, which further complicates and delays the entire application delivery process.

BMC Control-M Workload Automation adds native integration for Hadoop with the Control-M for Hadoop component that simplifies and accelerates delivery of enterprise Hadoop applications.

Application developers can use graphical forms to quickly build Hadoop jobs instead of coding scripts. Capabilities like pull-down lists, edit forms and an HDFS file browser make it quick to get jobs running successfully. Comprehensive exit code analysis and output scanning, coupled with job templates and drag and drop design make it easy to build even the most complex workflows. Once in operation, monitoring of overall SLAs and individual job execution length, easy access to all job output and notification options make it simple to build applications that run correctly first time out.

BMC Control-M delivers a powerful yet easy to use workflow management framework that simplifies creation of big data applications, provides robust operational management and gives business users an intuitive facility for managing their Hadoop and non-Hadoop application workload.

Key Business Challenges Solved

Faster Application Implementation

Control-M for Hadoop simplifies and automates Hadoop batch processing along with connected enterprise workflows. The result is faster application implementation and reduced costs.
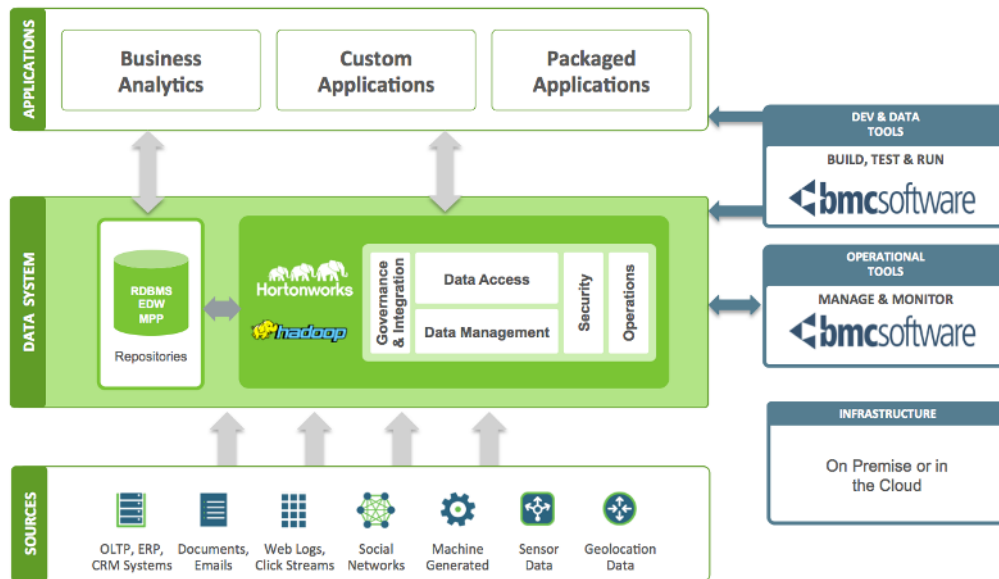
Improved Big Data Service Delivery

With the ability to monitor and manage Hadoop workflows with predictive analytics and automated alerts, early problem detection and quick resolution improve on-time service delivery of your Big Data analytics.

Enable Rapid Business Change

Composite digital services can be built to add Hadoop workflows into the enterprise fabric that already consists of Mainframe and Distributed platforms along with file transfer, virtualization, cloud technologies, Service Oriented architecture, relational databases.

BMC Software in the Modern Data Architecture

Features and Benefits of Combined Solution

- Simple design and robust management of MapReduce, Hive, Pig, Scoop and HDFS workflows
- Extensive support for heterogeneous application landscapes including Informatica®, IBM® Datastage, Oracle® Business intelligence, SAP® Business Objects and many more
- Provides capabilities required by enterprise IT such as auditing, reporting, forecasting and business-oriented SLA Management

BMC Control-M for Hadoop

BMC Control-M for Hadoop accelerates application development and testing by eliminating scripting and centralizing testing. Once in operation Control-M delivers best in class enterprise monitoring and SLA management for Hadoop and non-Hadoop composite applications

BMC Software is a Certified Technology Partner

The Hortonworks Certified Technology Program reviews and certifies technologies for architectural best practices, validated against a comprehensive suite of integration test cases, benchmarked for scale under varied workloads and comprehensively documented.

Hortonworks. We do Hadoop.

Hortonworks is a leading commercial vendor of Apache Hadoop, the open source platform for storing, managing and analyzing Big Data. Hortonworks Data Platform, our distribution of Apache Hadoop, provides an open and stable foundation for enterprises and a growing ecosystem to build and deploy Big Data solutions.

Hortonworks is the trusted source for information on Hadoop, and together with the Apache community, Hortonworks is making Hadoop an enterprise data platform. Hortonworks provides unmatched technical support, training and certification programs for enterprises, systems integrators and technology vendors.

For additional questions, contact:

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