Hortonworks

Predictability, Capacity and Visibility for Hortonworks Data Platform with Pepperdata

pepperdata

"Pepperdata and Hortonworks share a common vision of making Hadoop a robust platform for mission-critical enterprise applications. Using Pepperdata with HDP ensures that your critical production jobs safely complete on time, and that you are efficiently utilizing your hardware resources."

Sean Suchter
CEO
Pepperdata

Rely on Hadoop

As Hadoop becomes more widely adopted for business-critical production applications, IT organizations are becoming increasingly challenged by an inability to predict if or when jobs will complete. Diagnosing performance problems is time consuming and can result in significant system downtime. Often, unanticipated hardware expenses must be incurred to meet ever-expanding capacity requirements. Hadoop schedulers and resource managers by themselves are insufficient in providing the operational visibility and control needed to ensure that Service Level Agreements can be met consistently, and with confidence.

With Pepperdata you can rely on your existing Hadoop to get more done and deliver on time, every time. Businesses that count on Hadoop use Pepperdata to increase clarity, control, and capacity of their existing clusters without changing code or workflows.

Business Challenges Solved

Faster Time to Insight

CLARITY: Delivers real-time visibility into job, task, user, cluster and node level metrics. IT operations managers can quickly identify and solve issues.
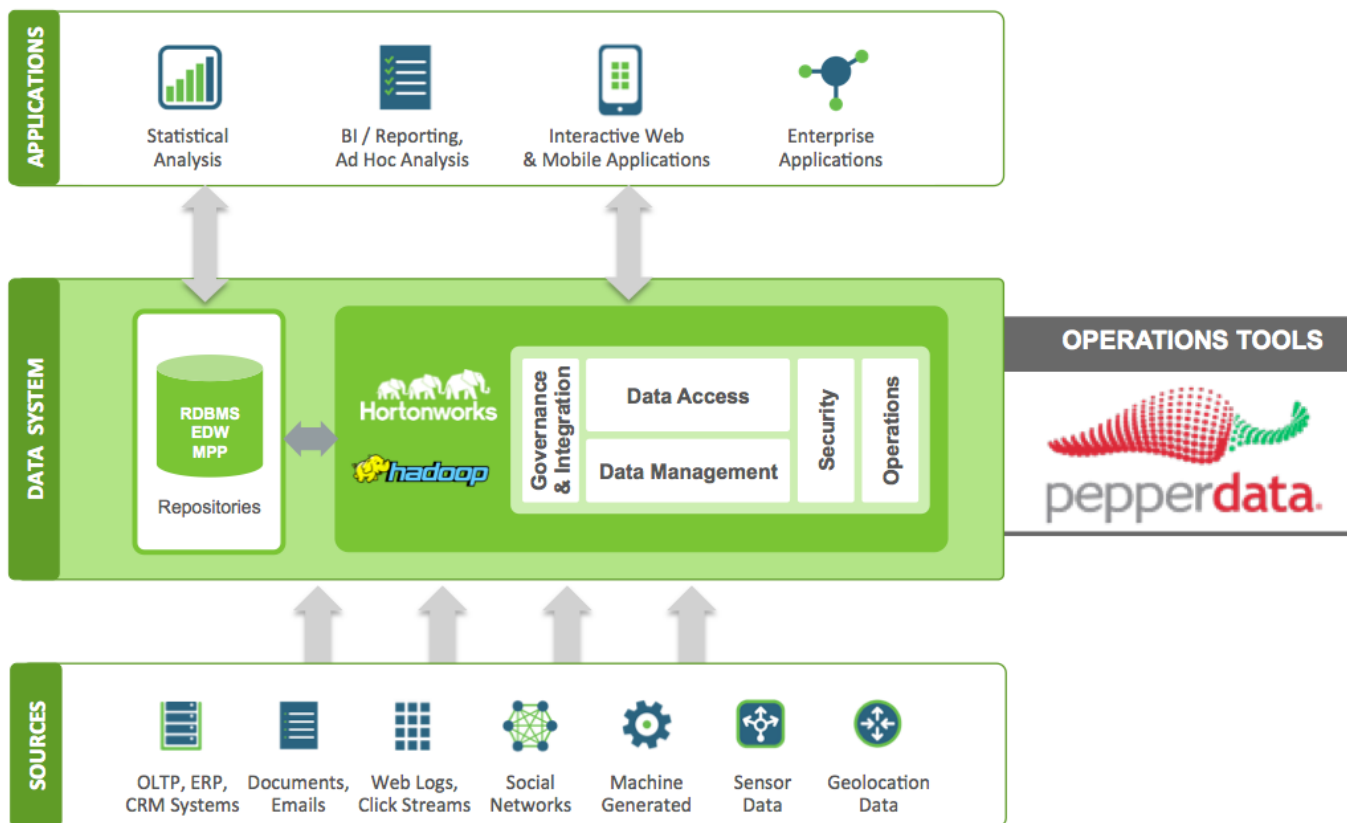
Implement Service Levels

CONTROL: Allows user-defined prioritization of HDP and Hadoop jobs. Resources are automatically allocated to ensure that business-critical jobs complete safely and on time.

Lower CAPEX and OPEX Costs

CAPACITY: Improves overall capacity by 20% to 50% in any Hadoop cluster by managing resource usage at the job and task level in real time. Priority and ad hoc workloads can run on the same cluster.

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Pepperdata in the Modern Data Architecture

Features and Benefits of the Combined Solution

Pepperdata monitors and optimizes HDP performance and capacity in real-time:

- Monitor and control each task
- Set and enforce priorities
- Analyze hardware usage
- Install on existing clusters in less than an hour
- Deploy through Ambari

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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