

# Application Performance Management Made for the Big Data Platform



## The simplest way to manage performance and utilization of big data applications and platforms



#### OPTIMIZE

- Automatically speed up applications and improve resource usage efficiency
- Detect, diagnose and fix missed SLAs
- Automatically detect and eliminate rogue or resource wasting jobs
- Get more out of storage Remove "cold" tables, maximize tiered storage utilization
- Get more throughput by allocating the right size of pools and containers

## TROUBLESHOOT

- "MRI" view of application performance – from code to infrastructure
- Automatically detect
  performance bottlenecks
  and failures
- Avoid or resolve contention issues
- Easily correlate infrastructure, services and application issues
- Setup auto-actions to resolve recurring issues automatically

#### ANALYZE

- Chargeback reporting for all usage on all clusters
- Cost savings how to save costs by application, user, storage, CPU
- Auditing and governance track usage and access to data and applications by users
- Ops dashboard bird's eye view on health and performance of the entire stack
- 360° visibility about applications, services, infrastructure and users

We didn't just build another performance monitoring tool for big data, we built an APM tool that is full-stack, intelligent, and autonomous.



#### Full Stack

#### Go beyond monitoring graphs and logs

Unravel manages performance up, down, and across every layer of the big data stack to create a single view of application performance.



#### Intelligent

#### Simplify Big Data Operations

Unravel's built-in machine learning and predictive analytics are your expert companions to detect, diagnose, and help resolve problems.



#### Autonomous

# Move away from reactive trouble ticket escalations to pro-active Ops

Unravel's artificial intelligence can automatically fix problems and prevent new ones from happening.

## Easy to Deploy. Enterprise Ready.

Unravel is non-intrusive and requires no changes to code or build. Agentless install.



### **Enterprise Grade Security & Scalability**

Kerberos, AD, LDAP compatible. SSL, SSH encryption.



#### **Deploy Anywhere**

Unravel works with your on-premise, cloud and hybrid cluster. We can support multiple clusters in one place. Unravel can be deployed on-premise or hosted as a SaaS solution.



#### Seamlessly Integrate

Works with all big data vendors, systems, workflow managers and tools. API support to talk to your existing tools.

## THE BUSINESS CASE FOR APM FOR BIG DATA

## **IMPROVE PRODUCTIVITY**

98% Reduction in Troubleshooting Time

## **GUARANTEE RELIABILITY**

**100%** 

## **REDUCE COSTS**

## 60% Reduction in Costs

#### **UNRAVEL SUPPORTS:**

Spark Kafka Hadoop MPP NoSQL Cloudera MapR Hortornworks Amazon Microsoft Qubole



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