

Hortonworks, Mirantis and Red Hat Team to Simplify Deployment and Management of Apache Hadoop on OpenStack

APR 16, 2013

Companies announce plan to accelerate Project Savanna within the OpenStack Foundation

PORTLAND, Ore.--(BUSINESS WIRE)-- [Hortonworks](#), the leading contributor to Apache™ Hadoop®, [Mirantis](#), the largest OpenStack® systems integrator and [Red Hat, Inc.](#) (NYSE: RHT), the world's leading provider of open source solutions and the largest contributor to the most recent release of OpenStack, today announced they are working together to contribute significantly to [Project Savanna](#) under the OpenStack community guidelines to deliver Apache Hadoop on OpenStack. This collaboration aims to provide many benefits including providing open source APIs and simpler transitions when moving Hadoop workloads between public and private clouds.

OpenStack is a framework for building and managing private, public and hybrid Infrastructure-as-a-Service (IaaS) clouds with core software projects providing compute, storage and networking management services, and a shared identity service and dashboard. Hadoop enables distributed processing of large data sets across clusters of computers using simple programming models. The goal of Project Savanna is to enable OpenStack users to easily provision and manage elastic Hadoop clusters to speed the development and deployment of cost-effective Hadoop on OpenStack.

Project Savanna

The collaborative effort between Hortonworks, Mirantis and Red Hat will focus primarily on contributing engineering resources to Project Savanna, originally developed as an OpenStack project by Mirantis. An important initial step for Savanna is to provide an integration point for third party Hadoop provisioning and management frameworks, such as the [Apache Ambari](#) project. This will allow enterprise users to provision Hadoop distributions very quickly via OpenStack APIs and Dashboard. In addition, Savanna will allow the utilization of unused compute power from a general purpose OpenStack infrastructure pool for Hadoop workloads. The companies expect to demonstrate the technology at the [Hadoop Summit on June 26, 2013 in San Jose, Calif.](#)

Supporting Quotes

"With its efficient use of hardware and unparalleled agility, the cloud is a logical deployment platform for Apache Hadoop and one that we see many of our customers preferring," said Bob Page, vice president, Products, Hortonworks. "Coupled with the fact that Hadoop is a net new workload for many organizations, deployment on OpenStack is a logical fit. By committing efforts to simplify the deployment and management of Hadoop on OpenStack through linkage with Ambari, we believe we can meaningfully accelerate the time to production for organizations building out new Hadoop projects."

"Our vision for Savanna was to simplify deployment and management of these big data Hadoop workloads on OpenStack. We are delighted to see industry heavyweights, such as Red Hat and Hortonworks, starting to contribute their expertise to the Savanna project," said Ilya Elterman, Sr. Director of Cloud Services at Mirantis. "This is a major advancement for the open source community and we are happy to collaborate with Hortonworks and Red Hat."

"As enterprises and service providers look to big data as a competitive differentiator and the open hybrid cloud as an innovation platform, Hadoop deployments can accelerate OpenStack adoption and benefit from consistent interfaces across public and private cloud implementations," said Greg Kleiman, director of strategy, Storage, Red Hat. "Red Hat is committed to working on Project Savanna within the OpenStack Foundation to make it simpler for enterprises to move big data workloads between public and private clouds easily and cost-effectively."

About Hortonworks

Hortonworks is a leading commercial vendor of Apache Hadoop, the preeminent open source platform for storing, managing and analyzing big data. Our distribution, Hortonworks Data Platform powered by 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 more robust and easier to install, manage and use. Hortonworks provides unmatched technical support, training and certification programs for enterprises, systems integrators and technology vendors. For more information, visit www.hortonworks.com.

About Mirantis

Mirantis delivers OpenStack cloud and open source application infrastructure. Its focus is vendor-independent cloud implementation uncompromised by opaque hooks or proprietary packaging. The company has a unique cost-effective delivery model, founded on years of deep software engineering experience for demanding Fortune 1000 companies. Customers include Cisco, Dell, GE, Agilent, NASA, HP, AT&T, The Gap, Axcient and Nexenta. Mirantis is headquartered in Mountain View, California, with engineering centers in Russia and Ukraine. www.mirantis.com.

About Red Hat, Inc.

Red Hat is the world's leading provider of open source software solutions, taking a community-powered approach to reliable and high-performing cloud, Linux, middleware, storage and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As the connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT. Learn more at <http://www.redhat.com>.

Forward-Looking Statements for Red Hat, Inc.

Certain statements contained in this press release may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements provide current expectations of future events based on certain assumptions and include any statement that does not directly relate to any historical or current fact. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: risks related to delays or reductions in information technology spending; the effects of industry consolidation; the ability of Red Hat to compete effectively; uncertainty and adverse results in litigation and related settlements; the integration of acquisitions and the ability to market successfully acquired technologies and products; the inability to adequately protect Red Hat intellectual property and the potential for infringement or breach of license claims of or relating to third party intellectual property; the ability to deliver and stimulate demand for new products and technological innovations on a timely basis; risks related to data and information security vulnerabilities; ineffective management of, and control over, Red Hat's growth and international operations; fluctuations in exchange rates; and changes in and a dependence on key personnel, as well as other factors contained in Red Hat's most recent Quarterly Report on Form 10-Q (copies of which may be accessed through the Securities and Exchange Commission's website at <http://www.sec.gov>), including those found therein under the captions "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations". In addition to these factors, actual future performance, outcomes, and results may differ materially because of more general factors including (without limitation) general industry and market conditions and growth rates, economic and political conditions, governmental and public policy changes and the impact of natural disasters such as earthquakes and floods. The forward-looking statements included in this press release represent Red Hat's views as of the date of this press release and these views could change. However, while Red Hat may elect to update these forward-looking statements at some point in the future, Red Hat specifically disclaims any obligation to do so. These forward-looking statements should not be relied upon as representing Red Hat's views as of any date subsequent to the date of this press release.

Red Hat is a trademark of Red Hat, Inc., registered in the U.S. and other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. Hortonworks is a trademark of Hortonworks, Inc., registered in the U.S. and other countries.

The OpenStack (R) Word Mark and OpenStack Logo are either registered trademarks / service marks or trademarks / service marks of the OpenStack Foundation, in the United States and other countries and are used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation or the OpenStack community.

Hortonworks
Kim Rose, 650-759-6385
krise@hortonworks.com
or
Mirantis
Sue Myers, 978-369-6336
smyers@mirantis.com
or
Red Hat, Inc.
Karin Bakis, 978-392-1096
kbakis@redhat.com

Source: Red Hat, Inc.

News Provided by Acquire Media