

# Red Hat Upgrades Cloud Infrastructure Offerings to Deliver on the Open Hybrid Cloud Vision

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*Global availability of updated products across traditional virtualization, OpenStack-powered Infrastructure-as-a-Service and integrated cloud infrastructure*

RALEIGH, N.C.--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced updates to its OpenStack-powered cloud infrastructure offering, Red Hat Cloud Infrastructure. Red Hat Cloud Infrastructure 4.0 gives enterprises an on-ramp to a highly scalable, public cloud-like infrastructure based on OpenStack while providing infrastructure and cost efficiency. The new version of Red Hat Cloud Infrastructure features tighter integration between its virtualization, cloud and platform components, enabling users to reduce image inconsistencies and duplications by only creating a single set of virtual images.

As an ongoing effort to meet growing business demands, enterprises are quickly realizing the benefits of a cloud infrastructure, in addition to leveraging their existing data center investments. Red Hat Cloud Infrastructure 4.0 provides organizations with a comprehensive Infrastructure-as-a-Service (IaaS) platform that bridges operations over existing traditional virtualization environments, as well as new private and public cloud resources. It offers an alternative traditional virtualization solution based on Red Hat Enterprise Virtualization for traditional workloads, as well as a tightly integrated OpenStack cloud framework with the world's most trusted Linux operating environment, Red Hat Enterprise Linux OpenStack Platform. Finally, it also includes Red Hat CloudForms, a heterogeneous management tool to unify operations for multiple hypervisor environments and cloud technologies, enabling enterprises to deploy traditional and elastic workloads to the private cloud, public cloud, and the datacenter as one cohesive environment. An integrated open private cloud stack is a first step toward building an open hybrid cloud, and Red Hat Cloud Infrastructure 4.0 provides organizations this comprehensive cloud infrastructure as a single-subscription offering.

Red Hat Cloud Infrastructure also includes Red Hat Enterprise Linux OpenStack Platform, which provides enterprises the stability of Red Hat Enterprise Linux, backed by Red Hat's trusted leadership in open source and the OpenStack community. Engineered with Red Hat-hardened OpenStack Havana code, Red Hat Enterprise Linux 6.5, and the Red Hat Enterprise Virtualization Hypervisor built on Kernel-based Virtual Machine, Red Hat Cloud Infrastructure 4.0 provides the underlying support enterprises need to meet their unique private cloud needs and was recently named "IaaS/PaaS Product of the Year" by IDG publication *TechWorld*.

The updates to Red Hat Cloud Infrastructure come at a time when Red Hat has refreshed its portfolio of Cloud Infrastructure offerings to continue delivering on its open hybrid cloud vision. In December 2013, Red Hat [announced the general availability of Red Hat Enterprise Linux OpenStack Platform 4.0](#), and along with today's announcement on Red Hat Cloud Infrastructure, Red Hat today announced the general availability of [Red Hat Enterprise Virtualization 3.3](#). The combined strength of these upgraded virtualization and cloud infrastructure offerings provide a highly secure, full-featured virtualization solution fully equipped to manage heterogeneous cloud environments across Red Hat Enterprise Virtualization, VMware vSphere, and Microsoft Hyper-V. The virtualization layer also offers access to more sophisticated networking through integration with Software-Defined Networking (SDN) technologies.

In addition to cloud management, Red Hat Cloud Infrastructure offers a compelling infrastructure for cloud-enabled applications in a variety of environments with the combination of Red Hat CloudForms and Red Hat Enterprise Linux OpenStack Platform 4.0 with discovery, chargeback, self-service provisioning, and more. Additionally, Red Hat Enterprise Virtualization and Red Hat Enterprise Linux OpenStack Platform share networking and image library services through Neutron and Glance, respectively, so users can create, edit, and run OpenStack images from one storage repository. In addition to saving on storage hardware costs, a single set of images reduces inconsistencies, streamlines compliance with security regulations, and decreases inefficient rounds of auditing.

## Availability

Red Hat Cloud Infrastructure 4.0 is available immediately to existing customers through their Red Hat Cloud Infrastructure subscription, and to new customers by contacting Red Hat sales.

## Virtual Event

Red Hat's general manager of Virtualization and OpenStack, Radhesh Balakrishnan, will host a live webcast, to discuss Red Hat Cloud Infrastructure's advancements at 11:00 a.m. ET on Jan. 22, 2014. Following remarks, press and analysts are invited to participate in a question and answer session. The virtual event will also include six sessions to give attendees a product overview of Red Hat Cloud Infrastructure, Red Hat Enterprise Linux OpenStack Platform, Red Hat Enterprise Virtualization, Red Hat CloudForms, Red Hat Enterprise Linux and Red Hat Storage Server.

To join the webcast or view the replay after the event, visit <https://vts.inxpo.com/Launch/QReg.htm?ShowKey=17657>.

## Supporting Quotes

*Radhesh Balakrishnan, general manager, virtualization, Red Hat*

"Red Hat is excited about the updated offerings to meet the datacenter virtualization and elastic cloud needs of customers structuring their journey to an open hybrid cloud. These offerings are engineered to help build a more productive and efficient open private cloud and provide a more reliable infrastructure for IT and cloud operators. Now backed by the world's largest OpenStack partner ecosystem, Red Hat Cloud Infrastructure helps IT to bridge datacenter infrastructure silos and more effectively meet user needs."

"Initial customer enthusiasm for Dell and Red Hat's joint engineering agreement for OpenStack has been positive and we are encouraged by the conversations and response. The combination of Dell's enterprise experience and Red Hat Cloud Infrastructure's customer base offers compelling value for businesses who wish to combine private cloud and datacenter resources to match the pace of business needs." - Jimmy Pike, Vice President, Senior Fellow and Chief Architect, Dell Enterprise Solutions Group.

*Ram Peddibhotla, director of Planning, Software & Services Group, Intel*

"With the updates to Red Hat Cloud Infrastructure, Intel looks forward to continuing its longstanding relationship with Red Hat to help more enterprises to see the full potential of Red Hat Enterprise Linux OpenStack Platform running on Intel® Xeon® processor-based servers. Red Hat and Intel continue our long history of solving customer problems with OpenStack-powered offerings such as the On-Ramp to Enterprise OpenStack Program, accessible by all levels of users seeking to move from traditional datacenter virtualization to an OpenStack cloud."

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Forward-Looking Statements

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 the Company to compete effectively; the integration of acquisitions and the ability to market successfully acquired technologies and products; uncertainty and adverse results in litigation and related settlements; the inability to adequately protect Company 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, the Company'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 our 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 the Company's views as of the date of this press release and these views could change. However, while the Company may elect to update these forward-looking statements at some point in the future, the Company specifically disclaims any obligation to do so. These forward-looking statements should not be relied upon as representing the Company's views as of any date subsequent to the date of this press release.

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