

# Red Hat Continues Cloud Infrastructure Momentum with New Offerings, Industry-Leading Performance

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*New Offerings and Leading Benchmark Result Highlight Red Hat as a Top Alternative for Organizations Seeking to Reduce Cost and Avoid Lock-in on Journey to Open Hybrid Cloud*

RALEIGH, N.C.--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE:RHT), the world's leading provider of open source solutions, today announced continued momentum for Red Hat Cloud Infrastructure, including a new industry-leading performance benchmark, the introduction of the Red Hat Certificate of Expertise in Infrastructure-as-a-Service (IaaS), and a Red Hat Enterprise Virtualization Promotional Offering. [Red Hat Cloud Infrastructure](#), a comprehensive offering designed to support organizations on their journey from traditional datacenter virtualization to OpenStack-powered clouds, has emerged as a high performing offering with greater value as organizations look to build and manage private cloud IaaS.

According to the latest cloud computing market overview analysis from 451 Research's Market Monitor, IaaS is expected to grow at a 37 percent compound annual growth rate (CAGR) through 2016 (1). As cloud and IaaS adoption grows, research also indicates that open source cloud infrastructure solutions are taking the lead. According to the 2013 "State of the Cloud" survey, among the 64 percent of respondents who plan to include a private cloud as part of their cloud portfolio, 41 percent plan to use only open source-based private cloud options, while another 29 percent plan to use a hybrid combination of open source and proprietary solutions (2).

## Red Hat and Bull Achieve Top Performance Benchmark Results

Red Hat also announced new top performance records on SPECvirt's industry-standard benchmark SPECvirt\_sc2010 highlighting the Kernel-based Virtual Machine (KVM) hypervisor's lead as the industry's top-performing hypervisor (3). Red Hat Enterprise Linux 6.4 with its KVM hypervisor enabled the Bull SAS bullion server to run 768 Virtual Machines, a performance confirmed as the fastest and most efficient virtualization test on an x86 server.

This SPECvirt\_sc2010 score represents the highest number of performant virtual machines and the highest performance score overall recorded on a single x86 server for this benchmark. This also solidifies Red Hat's hypervisor performance leadership as Red Hat's KVM powers the top 2-socket and 4-socket scores, and the only recorded 8-socket and 16-socket scores.

## Red Hat Certificate of Expertise in Infrastructure-as-a-Service

Additionally, Red Hat today announced a new training and certification offering, the [Red Hat Certificate of Expertise in Infrastructure-as-a-Service](#). As interest in OpenStack grows, enterprise customers require experienced IT professionals who can deploy and manage OpenStack. This new class and certification aims to meet this demand by representing the industry's highest standard for OpenStack-based training certifications and enabling participants to gain a growing knowledge of the changes happening in the IaaS space. The class will cover essential OpenStack skills, including installing and configuring a Red Hat Enterprise Linux OpenStack Platform deployment; configuring and managing images; and managing storage using Object Storage (Swift) and Block Storage (Cinder). The certification process for this training offering will be performance-based, with candidates performing tasks on a live system to utilize real-world experience.

## New Red Hat Enterprise Virtualization Promotional Offering

As part of today's announcement, Red Hat introduced a new product offering that will integrate the world's leading enterprise Linux platform, and Red Hat's virtualization management system for servers and desktops in a Red Hat Enterprise Virtualization Promotional Offering, providing exceptional agility for Linux and Microsoft workloads.

The Red Hat Enterprise Virtualization Promotional Offering will be offered as a single subscription offering that combines:

Red Hat Enterprise Virtualization, an ideal platform on which to base large-scale virtualization initiatives and internal / private cloud deployments, featuring an enterprise management system that enables customers to centrally and effectively manage their entire virtual environments.

Red Hat Enterprise Linux Server, providing a secure and certified foundation for running the OpenStack workload servers (compute nodes, storage nodes, and controller nodes) as well as a scalable, high performance Linux operating system for guest virtual machines.

## Availability

The Red Hat Enterprise Virtualization Promotional Offering will be available in Fall 2013.

## Supporting Quote

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

"OpenStack and the promise of open hybrid clouds are leading customers to reconsider their infrastructure choices with an eye toward reducing cost and avoiding lock-in. Red Hat Cloud Infrastructure presents an enterprise datacenter virtualization alternative to take customers on that journey from proprietary to open. Today's announcements highlight Red Hat's commitment to providing the top performing solutions in this space, and the steps we're taking to bring increased value to virtualized infrastructure and meet the emerging demand for skilled OpenStack professionals in the enterprise."

#### Additional Resources

Learn more about [open hybrid cloud solutions](#)

Learn more about [Red Hat Cloud Infrastructure](#)

Learn more about the [Red Hat Certificate of Expertise in Infrastructure-as-a-Service](#)

Learn more about [Red Hat Enterprise Linux OpenStack Platform](#)

View the SPECvirt\_sc2010 result for [Red Hat Enterprise Linux 6.4 on Bull SAS bullion servers](#)

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(1) 451 Research Market Monitor, "Cloud Computing Market Overview Analysis," Aug. 14, 2013, available at <http://bit.ly/14QnzKF>.

(2) State of the Cloud 2013, <http://bit.ly/152CAxc>

(3) SPEC®, SPECvirt™, and SPECvirt\_sc® are trademarks or registered trademarks of the Standard Performance Evaluation Corp. (SPEC). Competitive numbers shown reflect results published on [www.spec.org](http://www.spec.org) as of July 18, 2013. For the latest SPECvirt\_sc2010 results visit [www.spec.org/osg/virt\\_sc2010](http://www.spec.org/osg/virt_sc2010).

#### About Red Hat, Inc.

Red Hat is the world's leading provider of open source software solutions, using 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 [www.redhat.com](http://www.redhat.com).

#### 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; 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 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 [www.sec.gov](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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