

Red Hat Announces OpenStack-powered Product Offerings to Deliver on Open Hybrid Cloud Vision

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New solutions include extension to Red Hat Enterprise Linux product family and new offering to enable customers on their journey from datacenter virtualization to Infrastructure-as-a-Service

RALEIGH, N.C. & BOSTON--(BUSINESS WIRE)-- RED HAT SUMMIT 2013

Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced two new product offerings with one vision of delivering an Open Hybrid Cloud. The new offerings include Red Hat Enterprise Linux OpenStack Platform, a solution that serves as the foundation for advanced cloud users who are seeking to build an OpenStack-powered cloud, and Red Hat Cloud Infrastructure, a comprehensive offering designed to support organizations on their journey from traditional datacenter virtualization to OpenStack-powered clouds.

The new offerings are built on Red Hat's enterprise-class open source solutions, backed by world-class Red Hat support, supported by a broad ecosystem of partners through the Red Hat OpenStack Cloud Infrastructure Partner Network, and designed to make it easier for enterprises to adopt OpenStack.

Red Hat Enterprise Linux OpenStack Platform combines the power of Red Hat Enterprise Linux with the OpenStack cloud platform to deliver a scalable and secure foundation for building a private or public cloud. Red Hat Cloud Infrastructure enables organizations to implement an Infrastructure-as-a-Service (IaaS) solution that is suitable for traditional applications as well as emerging cloud-aware applications, with an open cloud management solution spanning them. With Red Hat Cloud Infrastructure, organizations can move to new cloud-aware application architectures on their own terms: at their own pace, with their own IT policies, and under their own control.

Red Hat Enterprise Linux OpenStack Platform

Designed to meet the needs of advanced cloud users, telecommunications companies, Internet service providers (ISPs), and public cloud hosting providers, Red Hat Enterprise OpenStack Platform integrates the world's leading enterprise Linux and the industry's fastest growing cloud infrastructure platform to give organizations the agility to scale and quickly meet customer demands without compromising on availability, security, and performance.

Red Hat Enterprise Linux OpenStack Platform is a single subscription offering that combines:

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;

Red Hat OpenStack, providing a highly scalable, fault tolerant platform optimized for and integrated with Red Hat Enterprise Linux for the development of a managed private or public cloud for cloud-enabled workloads.

Using Red Hat Enterprise Linux OpenStack Platform allows advanced users to develop and deploy production OpenStack infrastructure and concentrate on adding value in the service layer, tooling and customizations they need on top of the Red Hat Enterprise Linux OpenStack Platform foundation, while trusting Red Hat to maintain the integrity of both the Red Hat Enterprise Linux Server and OpenStack code.

Additionally, Red Hat Enterprise Linux OpenStack Platform offers several enterprise-grade features to allow organizations to deploy with confidence, including testing and certification for each OpenStack release running on Red Hat Enterprise Linux OpenStack Platform for broad hardware and software compatibility and performance; a predictable, stable lifecycle; SELinux military-grade security; and a broad ecosystem of certified partners for compute, storage, networking, ISV software, and deployment and customization services.

Red Hat Cloud Infrastructure

Organizations, having already experienced the benefits of datacenter virtualization, are looking to benefit from higher level management functionality such as chargeback, self-service, advanced monitoring and metering, and orchestration provided by Red Hat CloudForms, which [now incorporates the ManageIQ technology](#) Red Hat [acquired in Dec. 2012](#). At the same time, public cloud technologies like OpenStack offer the promise of lower infrastructure costs, highly scalable architectures, and IT-as-a-Service (ITaaS) models. Organizations are faced with the challenge associated with managing the long term shift from traditional datacenter virtualization to more cloud-enabled architectures, as well as charting the course for moving their application workloads from one architecture to another while maintaining manageability and policies across discrete platforms.

Red Hat Cloud Infrastructure is designed to address this need and enables organizations to build and manage a private cloud IaaS based upon datacenter virtualization and management technologies for traditional workloads, while providing an on-ramp to a highly scalable public-cloud-like infrastructure based on Red Hat OpenStack.

Red Hat Cloud Infrastructure is a single subscription offering that consists of four component technologies:

Red Hat Enterprise Virtualization: A comprehensive datacenter virtualization product for Linux and Windows workloads that enables users to build an agile, secure virtualization foundation with the features needed for traditional enterprise application workloads;

Red Hat CloudForms: An open hybrid cloud management solution that provides visibility and control over existing heterogeneous virtual infrastructures and lets users deploy, monitor, and manage cloud services across Red Hat Enterprise Virtualization, VMware vSphere, and other virtualization solutions, hypervisors, and platforms;

Red Hat OpenStack: A highly scalable IaaS solution that delivers an open, flexible, and enterprise-ready private cloud foundation built on the community OpenStack project integrated with and optimized for Red Hat Enterprise Linux; and

Red Hat Enterprise Linux Server, The world's leading enterprise Linux, available as the scalable, high performance Linux operating system for guest virtual machines running on the OpenStack compute nodes.

Availability

Both Red Hat Enterprise Linux OpenStack Platform and Red Hat Cloud Infrastructure will be available in July 2013.

Partner Availability

Red Hat will be working with a small set of pilot solution provider and systems integration partners in select geographies, with plans to expand the number of partners and geographies over time with partners who can deliver a total solution with Red Hat Enterprise Linux OpenStack Platform and Red Hat Cloud Infrastructure.

New Red Hat OpenStack Administration Training

As part of today's announcement on Red Hat's enterprise-class OpenStack solutions, Red Hat today announced a new training offering, [Red Hat OpenStack Administration](#). This course teaches system administrators how to implement a cloud-computing environment using [Red Hat OpenStack](#) technology, including installation, configuration, and maintenance of Red Hat OpenStack on the Red Hat Enterprise Linux platform. Through hands-on labs, students will explore fault-tolerant and redundant configurations of Red Hat OpenStack, as well as a tech preview of future releases of Red Hat OpenStack.

New Red Hat Cloud Certifications

Red Hat already offers training for system administrators, developers, and system integrators to operate in Red Hat's open hybrid cloud environments. Today, Red Hat also announced two new credentials with a cloud focus. The Red Hat Certificate of Expertise in OpenStack IaaS demonstrates an individual is capable of using Red Hat OpenStack to implement and manage a private cloud infrastructure. The [Red Hat Certificate of Expertise in Hybrid Cloud Storage](#) demonstrates an individual's knowledge and skills in using Red Hat Storage Server to create flexible storage infrastructures suitable for on-premise, hybrid and public clouds. Both certificates are earned by passing hands-on, practical exams. The Red Hat Certificate in OpenStack IaaS is expected to be available in Aug. 2013. The Red Hat Certificate of Expertise in Hybrid Cloud Storage is available immediately.

New Open IaaS Architecture Service

In addition to training and certification offerings in support of Red Hat Cloud Infrastructure, Red Hat is also announcing a new [Open IaaS Architecture Service](#) to help organizations get the right start building and operating cloud IaaS. Offered through Red Hat Consulting, the Open IaaS Architecture Service provides a comprehensive start for IaaS capabilities and can help users better understand use cases, review design requirements, and identify needed resources. The Open IaaS Architecture Service enables organizations to build a flexible architecture that addresses immediate operational needs, future integration opportunities, and evolving cloud adoption. The service reduces risk and uncertainty from IaaS deployments and tailors an IaaS solution to optimize efficiency, agility, and reliability.

Supporting Quotes

Paul Cormier, president, Products & Technologies, Red Hat

"Customers have been looking for a leader to step forward and address the enterprise requirements for OpenStack, including stability, a broad partner ecosystem, a predictable lifecycle, and world-class support. Today, we're excited to step forward and deliver against that. The debut of Red Hat Enterprise Linux OpenStack Platform and Red Hat Cloud Infrastructure mark a defining moment for both Red Hat and OpenStack adoption in the enterprise."

Gary Chen, research manager, Enterprise Virtualization Software, IDC

"As organizations migrate from traditional virtualization deployments to cloud architectures, the focus is shifting from just the hypervisor to the entire stack of cloud software, which includes IaaS cloud system software and hybrid cloud management. As customers start evaluating technologies like OpenStack for cloud, Red Hat's new solutions are well-positioned to generate interest from the industry."

For more information

More about [Red Hat Cloud Infrastructure](#)

More about Red Hat's [open hybrid cloud solutions](#)

More about [Red Hat OpenStack Administration training](#)

More about [Red Hat cloud certifications](#)

More about the [Open IaaS Architecture Service](#)

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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

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 Annual Report on Form 10-K (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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