

# Red Hat Enterprise Virtualization 3.4 Offers New Advancements in Enterprise-Scale Virtualization Management

JUN 17, 2014

*Features deeper integration with OpenStack and Red Hat Enterprise Linux 7*

RALEIGH, N.C.--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced the global availability of Red Hat Enterprise Virtualization 3.4, bringing enhancements for traditional virtualization infrastructure, guest support for the newly released Red Hat Enterprise Linux 7, as well as advanced OpenStack support across compute, storage and networking in tech preview.

This newest release of Red Hat Enterprise Virtualization enables organizations to scale their traditional virtualization workloads to an enterprise-scale level, while providing an on-ramp to deploy cloud enabled workloads based on OpenStack. Red Hat Enterprise Virtualization has enabled global [enterprise customers](#) to streamline and optimize their traditional virtualization infrastructure while building a foundation for private cloud capabilities. With Red Hat Enterprise Virtualization 3.4, Red Hat is delivering virtualization enterprise features that enable organizations to build highly available and scalable IT infrastructures including:

Upgraded affinity/anti-affinity groups, enabling groups of virtual machines to run together on a single host or independently across alternative hosts to facilitate setting service levels for load-balanced applications;

Template versioning, allowing users to easily update templates for minor revisions and to use a parent template when provisioning a new virtual machine, making it ideal for VM pools. Red Hat Enterprise Virtualization 3.4 also offers full support for Red Hat Enterprise Linux 7 and earlier versions of Red Hat Enterprise Linux guests;

Enhanced networking through a multi-host network configuration, providing a simple mechanism to update and synchronize network configurations across a large number of hosts. This upgraded configuration also simplifies provisioning and management of a large number of Virtual Local Area Networks (VLANs) within an environment;

New Simple Network Management Protocol (SNMP) notification service within the Red Hat Enterprise Virtualization 3.4 infrastructure, enabling users to monitor the Red Hat Enterprise Virtualization manager with preferred third party monitoring tools; and

Mixed storage domains, enabling shared, different protocol types to exist within the same datacenter, including Internet Small Computer System Interface (iSCSI); Fibre Channel Protocol (FCP); Network File System (NFS); Portable Operating System Interface (POSIX) and Gluster.

Red Hat Enterprise Virtualization 3.4 also includes a broad suite of features to help future-proof a traditional virtual infrastructure, as more advanced virtualization users are adopting cloud-based workloads and exploring OpenStack deployments. As more enterprises embrace the cloud to bring agility to their environments, they are turning to OpenStack to build open and scalable private clouds with streamlined management capabilities. Red Hat Enterprise Virtualization 3.4 offers advanced tech previews of core OpenStack features, enabling organizations to eliminate silos and facilitate the journey to the private cloud, including:

OpenStack Image Service (Glance) integration enhancements, enabling users to import a Glance image as a template to use in provisioning a new virtual machine; and

OpenStack Networking (Neutron) integration enhancements, extending beyond regular Neutron capabilities by enabling users to create and delete networks on an external Neutron provider.

## Red Hat Enterprise Linux with Smart Virtualization

For enterprises seeking to optimize their virtualized infrastructure for Linux workloads while reducing cost, Red Hat offers [Red Hat Enterprise Linux with Smart Virtualization](#) to further extend the benefits of Red Hat Enterprise Virtualization. This offering combines the performance, scalability and security features of Red Hat Enterprise Linux with advanced virtualization management capabilities of Red Hat Enterprise Virtualization for enterprises looking to get the most out of their deployments.

## Supporting Quote

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

*"This latest release of Red Hat Enterprise Virtualization truly enables us to provide broader functionality in traditional virtualization by delivering updates to the enterprise features customers have come to expect. Proven enterprise adoption of Red Hat's virtualization solutions across a variety of markets has enabled us to adapt to growing customer needs for a flexible virtualized infrastructure and provide the necessary tools for OpenStack adoption to help customers position themselves to address future needs."*

IDC "Market Analysis Perspective: Worldwide Cloud and Virtualization System Software, 2013" Doc #245038, Dec 2013

*"Virtualization is the new default in the datacenter, with more virtual than physical servers today. Hypervisor competition and diversity is beginning to change, but as hypervisors commoditize, the differentiation is at the cloud system software and management layers."*

"Red Hat Enterprise Virtualization 3.4 delivers advanced open source enterprise virtualization features that enable customers to optimize their traditional virtualization workloads. HP is excited about our continued collaboration with Red Hat to manage HP converged infrastructure from within the Red Hat Enterprise Virtualization management console. HP OneView for Red Hat Enterprise Virtualization allows administrators to gain insight and control of their HP infrastructure while supporting their Red Hat virtualized environment from a single screen."

#### Additional Resources

Learn more about [Red Hat Enterprise Virtualization](#)

Learn more about Red Hat's [OpenStack-powered offerings](#)

Learn more about [Red Hat Enterprise Linux with Smart Virtualization](#)

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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 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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