

Red Hat Launches Red Hat Enterprise Virtualization 3.5 with Increased Scalability, Management, and Integration with OpenStack

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Red Hat Enterprise Virtualization offers the ideal platform for both traditional and cloud-enabled workloads

RALEIGH, N.C.--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced the general availability of Red Hat Enterprise Virtualization 3.5, enabling organizations to deploy an IT infrastructure that services traditional virtualization workloads while creating an enterprise-grade foundation for cloud infrastructure. Red Hat Enterprise Virtualization 3.5 delivers standardized services for mission critical workloads, and offers IT organizations greater visibility into provisioning, configuring and monitoring of their virtualization infrastructure, all based on open standards.

Red Hat is a recognized leader in the scale and performance of virtual machine workloads, and Red Hat Enterprise Virtualization 3.5 extends this leadership with support for four terabytes (4 TB) of memory per host, 4 TB of vRAM, and 160 vCPUs per virtual machine.

Notable new features in Red Hat Enterprise Virtualization 3.5 include:

Lifecycle management and provisioning of bare-metal hosts via integration with Red Hat Satellite.

Compute resource optimization through advanced real-time analytics with oVirt Optimizer integration. This enables users to identify the balance of resource allocation that best meets their needs while provisioning new virtual machines.

Workload performance and scalability provided through non-uniform memory access (NUMA) support, which is extended to Host NUMA, Guest Pinning and Virtual NUMA. This enables customers to deploy highly scalable workloads with improved performance and minimizes resource overload related to physical memory access times.

Enhanced disaster recovery via improved storage domain handling, providing support for migrating storage domains between different datacenters supported by Red Hat Enterprise Virtualization, enabling partner technologies to deliver site recovery capabilities.

Red Hat Enterprise Virtualization also serves as an ideal foundation for both traditional virtualization and highly flexible cloud-enabled workloads built on OpenStack. Red Hat Enterprise Virtualization 3.5 includes features that enhance this foundation for cloud-enabled workloads:

Integration and shared common services with OpenStack Image Service (Glance) and OpenStack Networking (Neutron), available as a Tech Preview, enabling administrators to break down silos and to deploy resources once across the infrastructure.

Instance types, unifying the process of provisioning virtual machines for both virtual and cloud-enabled workloads.

Red Hat Enterprise Virtualization Availability

As a standalone offering - Red Hat Enterprise Virtualization 3.5 - including Hypervisor and Manager for virtualized enterprise workloads for supported guest operating systems.

As an integrated offering called Red Hat Enterprise Linux with Smart Virtualization, aimed at customers looking to maximize the benefits of their virtualized infrastructure with Linux workloads. This offering combines the innovation, performance, scalability, reliability and security features of Red Hat Enterprise Linux with the advanced virtualization management capabilities of Red Hat Enterprise Virtualization.

Via Red Hat Cloud Infrastructure, a comprehensive solution that supports organizations on their journey from traditional datacenter virtualization to OpenStack-powered clouds. Red Hat Cloud Infrastructure is a single subscription offering that includes Red Hat CloudForms, Red Hat Satellite, Red Hat Enterprise Linux OpenStack Platform, and Red Hat Enterprise Virtualization.

Supporting Quotes

Jim Totton, vice president and general manager, Platforms Business Unit, Red Hat

"As more enterprises look to reap the benefits of bimodal IT in their virtualized and cloud-based environments, Red Hat Enterprise Virtualization offers a key component of an infrastructure ready to accommodate traditional enterprise virtualization while building a foundation for cloud enabled workloads."

Steven Bellistri, manager, IT, LDI Integrated Pharmacy Services

"The healthcare industry is undergoing significant changes that require us to rapidly adopt to new business and regulatory compliance requirements. Because Red Hat Enterprise Virtualization is built on open standards that enable flexibility and fast innovation, we can more quickly adopt our IT infrastructure and deploy services with stability and speed."

Lucas Harms, senior infrastructure engineer, Speed Commerce, Inc.

"With Red Hat Enterprise Virtualization, we are able to deploy stable and efficient offerings that handle our enterprise compute needs while still being able to integrate into a larger hybrid cloud solution through the use of common open source virtualization technologies."

Doug Matthews, vice president, Information Availability, Symantec

"Symantec's continued collaboration with Red Hat provides customers with seamless, global availability for their bimodal IT environments, whether it is quality of service for critical applications on physical Red Hat Enterprise Linux platforms or more future-looking Red Hat Enterprise Virtualization based OpenStack environments."

Additional Resources

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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 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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