

Red Hat Enterprise Virtualization 3.6 Offers Improved Performance, Scale and Security for High-Performance Linux-Based Workloads

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Latest release creates easier, more cost-effective path for users migrating from vSphere 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 3.6. This new version of Red Hat's KVM-based virtualization solution offers increased performance, scale, and security for high-intensity Linux workloads. It also updates user experience and management tools to help reduce cost and time of VMware migrations by eliminating the need to purchase a third-party migration tool. Lowering the costs and sprawl of proprietary virtualization solutions is a common customer challenge addressed by Red Hat Enterprise Virtualization.

Customized for large computing environments like SAP or Oracle deployments, as well as compute and graphic-intensive workstations, Red Hat Enterprise Virtualization demonstrated a 36 percent performance advantage compared to other virtualization solutions in [SPECvirt 2013 testing](#). The new PCI Device Assignment feature is designed to accelerate high-performance workloads, such as CAD/CAM. This enables a direct pass through of physical devices to virtual machines helping some customers to achieve near bare-metal performance for critical resources while reducing overhead of multiple, expensive workstations.

Other advancements in Red Hat Enterprise Virtualization 3.6 build on [Red Hat's recognized leadership](#) for scale, performance and cost-effectiveness of virtual machine workloads with these new features:

Increased Performance and Scalability

Hotplug memory support provides dynamic, one-click memory scaling, working with underlying infrastructure to give an application more memory "on the fly" while avoiding disruption to the application runtime.

PCI device assignment enables administrators to directly assign a physical adaptor or device to a virtual machine, allowing for near bare-metal performance for graphics and networking-intensive computing.

Security Updates & Risk Management

Host Update Manager: Streamlines the patch release process across the virtualized environment through integration with [Red Hat Satellite](#), a systems management solution used by half of Red Hat Enterprise Virtualization customers.

Object Health Status: Provides visibility into external system health events, such as issues with storage, CPU, server or hard-drive performance, via the Red Hat Enterprise Virtualization interface. This feature alerts admins to events that may cause downtime or negatively impact virtual machine performance, so they can proactively manage risk and potential downtime.

Simplified VMware Migration

Virtual machine-to-virtual machine (Virt-v2v) Integration: Enables customers to identify critical Linux workloads to move to Red Hat Enterprise Virtualization by connecting directly to vCenter and providing simple click-through steps to migrate the workload over. This select workload migration strategy can lower total cost of virtualization and improve performance of mission-critical Linux workloads without the pain of rip and replace.

Building on previous releases, Red Hat Enterprise Virtualization 3.6 provides the infrastructure layer for customers to move their workloads to containers or the cloud. It also integrates with Red Hat's hybrid cloud management platform, Red Hat CloudForms, to manage heterogeneous environments across multiple clouds, hypervisors, containers, and traditional computing infrastructure.

Supporting Quotes

Gunnar Hellekson, director of Product Management, Red Hat Enterprise Virtualization, Red Hat Enterprise Linux and Red Hat Atomic, Red Hat

"Red Hat has enhanced its virtualization platform offering to provide benefits for organizations moving towards the bimodal IT model. The simplified workload migration introduced in this newest release of Red Hat Enterprise Virtualization enables users to combine existing investments and move away from a fully proprietary virtualization platform to implement a multi-hypervisor strategy."

Michael Klüsener, head of SAP Services, Finanz Informatik Technologie Service

"SAP solutions in the banking industry require a superior level of performance. The combination of Red Hat Enterprise Virtualization and the Cisco UCS platform enables us to provide financial service providers with a highly available, scalable, and secure SAP environment in the cloud that helps users significantly reduce their operating costs."

Wing K. Lee, Chief Executive Officer, YTL Communications

"Red Hat Enterprise Virtualization has provided the flexibility we need to offer a highly reliable and scalable cloud and 4G service in Malaysia. As the flag-bearer of nationwide 4G service in Malaysia, we expect that Red Hat Enterprise Virtualization will continue to enable us to deliver unparalleled experience to our customers as we embark on exciting new 4G services to help the country progress and to close the digital divide."

Availability

Red Hat Enterprise Virtualization 3.6 is available as a standalone offering, as an integrated offering with Red Hat Enterprise Linux, and as part of a comprehensive solution called [Red Hat Cloud Infrastructure](#). Existing subscribers can upgrade to version Red Hat Enterprise Virtualization 3.6 through the [Red Hat Customer Portal](#).

Additional Resources

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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 the ability of Red Hat to compete effectively; the ability to deliver and stimulate demand for new products and technological innovations on a timely basis; delays or reductions in information technology spending; the effects of industry consolidation; 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 Red Hat's intellectual property and the potential for infringement or breach of license claims of or relating to third party intellectual property; risks related to data and information security vulnerabilities; ineffective management of, and control over, Red Hat'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 Red Hat's 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 Red Hat's views as of the date of this press release and these views could change. However, while Red Hat may elect to update these forward-looking statements at some point in the future, Red Hat specifically disclaims any obligation to do so. These forward-looking statements should not be relied upon as representing Red Hat's views as of any date subsequent to the date of this press release.

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