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Red Hat Expands Virtualization Collaboration with SAP via New Certification

Red Hat Enterprise Virtualization 3.1 Certified for SAP® Solution-based Production Environments; Maintaining Leading Benchmark Results and Meeting Customer Needs

RALEIGH, N.C.--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced the certification of Red Hat Enterprise Virtualization 3.1 for SAP® business applications running on Red Hat Enterprise Linux. This is a continuation of the companies' joint work on virtualization and an expansion of SAP's certification of the Red Hat Enterprise Virtualization 3.0 platform release. The certification marks the latest milestone in a 15-year alliance formed to help simplify deployments of SAP applications on physical Red Hat servers, in virtualized environments or in the cloud, bringing new choice to enterprises worldwide.

Enterprise customers such as TCC Technology Co. Ltd., Thailand's leading provider of commercial managed hosting and datacenter services, are turning to Red Hat Enterprise Virtualization to achieve business continuity, agility and cost efficiency for their deployments of SAP applications.

"Although virtualization is an established global trend, we had not used it to support mission-critical applications until we found Red Hat Enterprise Virtualization and applied it to our hosted services for SAP solutions," said Kosit Suksingha, managing director of TCC Technology. "It has proven to be reliable, cost-effective and scalable, helping us to offer commercially attractive hosted services for SAP solutions on a pay-as-you-go basis."

Red Hat Enterprise Virtualization is the only mission-critical end-to-end, open source virtualization infrastructure designed for enterprises that is available today. Providing an open virtualization hypervisor with Kernel-based Virtual Machine (KVM) and robust management tools based on the open source oVirt project, the portfolio delivers leading performance, scalability, flexibility and cost benefits. Red Hat Enterprise Virtualization 3.1, available globally today, delivers new features and integrations spanning scalability, networking, storage and more.

In addition to achieving leading performance results on the two-tier SAP Sales and Distribution (SD) standard application benchmark announced in June¹ — with Red Hat Enterprise Virtualization and its KVM hypervisor running the SAP ERP 6.0 application — Red Hat Enterprise Virtualization has, as of Dec. 1, 2012, attained the seven highest SPECvirt_sc2010 benchmarks (www.spec.org).

Availability

Red Hat Enterprise Virtualization 3.1 is available globally for production use with SAP solutions today.

Supporting quotes

Paul Cormier, president, Products and Technologies, Red Hat

"Red Hat Enterprise Virtualization delivers industry-leading performance and scalability. The advancements made in our 3.1 release today are designed to especially benefit customers running large mission-critical workloads like SAP applications. The scalability and performance gains create an even stronger price/performance advantage, and new features like storage live migration and dynamic resource allocation offer a better user experience."

Tom Collett, global vice president, Global Technology Partners, SAP

"This marks another important milestone in the 15-year collaboration between SAP and Red Hat. We continue to drive stronger performance and compelling cost efficiencies that resonate with enterprise customers. We look forward to continuing to evolve our collaboration to meet the needs of our joint customers as they tackle virtualization and cloud computing deployments."

Additional Resources

- Download a fully-supported 60-day trial of [Red Hat Enterprise Virtualization 3.1](#)
- Learn more about [Red Hat Enterprise Virtualization](#)
- Learn more about [SAP EcoHub](#)
- Visit the [Red Hat and SAP partner page](#)
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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 <http://www.redhat.com>.

Red Hat 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 <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.

SAP Forward-Looking Statements

Any statements contained in this document that are not historical facts are forward-looking statements as defined in the U.S. Private Securities Litigation Reform Act of 1995. Words such as "anticipate," "believe," "estimate," "expect," "forecast," "intend," "may," "plan," "project," "predict," "should" and "will" and similar expressions as they relate to SAP are intended to identify such forward-looking statements. SAP undertakes no obligation to publicly update or revise any forward-looking statements. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. The factors that could affect SAP's future financial results are discussed more fully in SAP's filings with the U.S. Securities and Exchange Commission ("SEC"), including SAP's most recent Annual Report on Form 20-F filed with the SEC. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates.

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(1) Two-tier SAP SD standard application benchmark configuration and results for Red Hat Enterprise Linux 6.1 on KVM on Cisco UCS B230 M2 (2 processors/20 cores/40 threads): Running SAP enhancement package 4 for SAP ERP 6.0, Intel Xeon Processor E7-2870, 2.40 GHz, 64 KB L1 cache and 256 KB L2 cache per core, 30 MB L3 cache per processor, 128 GB main memory, one virtual machine using 40 virtual CPUs and the SAP MaxDB@ 7.8 database. Achieved 5,100 SAP SD benchmark users and 28,080 SAPS. SAP certification number: 2012013.

Two-tier SAP SD standard application benchmark configuration and results for Red Hat Enterprise Linux 6.2 on KVM on IBM System x3850 (4 processors/40 cores/80 threads): Running SAP enhancement package 4 for SAP ERP 6.0, Intel Xeon Processor E7-8870, 2.4 GHz, 64 KB L1 cache and 256 KB L2 cache per core, 30 MB L3 cache per processor, 512 GB main memory, one virtual machine using 80 virtual CPUs and DB2 9.7. Achieved 10,700 SAP SD benchmark users and 58,750 SAPS. SAP certification number: 2012020.

Both results valid as of June 26, 2012. For more details, visit <http://www.sap.com/benchmark>.

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