

# Red Hat Extends Enterprise Management for OpenStack with CloudForms 3.2

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*Improved Enterprise Manageability and Federated Deployment Allow Customers to Accelerate Their OpenStack Deployments*

VANCOUVER, British Columbia--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE:RHT), the world's leading provider of open source solutions, today announced Red Hat CloudForms 3.2, the latest version of its award-winning solution for managing private and hybrid clouds. CloudForms 3.2 delivers innovative management features that enable customers to automate the deployment and management of OpenStack infrastructures, using advanced management instrumentation available in the Red Hat Enterprise Linux OpenStack Platform 7 release (based on OpenStack Kilo).

CloudForms 3.2 adds additional OpenStack workload management capabilities including: automated discovery; web-based console support; service catalog publishing and user dialog generation for OpenStack Orchestration (Heat) templates; deeper image and workload introspection capabilities with OpenStack Image Service (Glance) and OpenStack Compute (Nova) integration; and improved capacity and utilization management through expanded OpenStack Telemetry (Ceilometer) integration. These new capabilities in CloudForms represent a step forward in the manageability of OpenStack in the enterprise. CloudForms is the industry's first open source cloud management platform that manages both the OpenStack infrastructure as well as workloads from a single, integrated platform.

In addition, CloudForms is able to federate OpenStack-based private clouds together with other public clouds and a variety of virtualization platforms, including VMware vSphere, Red Hat Enterprise Virtualization, Amazon Web Services (AWS) and Microsoft System Center Virtual Machine Manager. Advanced capabilities including a self-service portal, policy-based control, governance, chargeback, showback, orchestration, capacity/utilization planning, optimization and bottleneck analysis and reporting allow enterprises to more effectively manage hybrid cloud environments.

CloudForms has significantly helped customers accelerate their OpenStack implementations, and these new capabilities in CloudForms 3.2 provide an efficient and scalable migration framework across traditional virtualization platform and private clouds based on OpenStack. They enable enterprises to implement a bi-modal IT setup, where a new agility-optimized infrastructure co-exists with traditional efficiency-optimized datacenters and with workloads unified by a common management platform.

Other improvements in CloudForms 3.2 include support for the AWS Config service enabling near-real time monitoring of changes in workloads deployed to AWS, Japanese language support, IPv6 support, and improved bare-metal provisioning and management through integration with Red Hat Satellite 6.

## Availability

CloudForms 3.2 will be available to existing CloudForms customers in June 2015. OpenStack infrastructure management features in CloudForms 3.2 require OpenStack Kilo capabilities, which are scheduled to be available in the upcoming release of Red Hat Enterprise Linux OpenStack Platform 7.

## Supporting quotes

*Joe Fitzgerald, vice president and general manager, Management, Red Hat*

"CloudForms is an essential part of Red Hat's strategy to enable OpenStack adoption and improve manageability in the enterprise. These updates in CloudForms 3.2 will allow customers to more quickly deploy and scale their OpenStack private clouds, combine existing IT infrastructure investments and federate public cloud deployments."

*Gartner: How to Succeed in Your OpenStack Deployment, 20 February 2015, Donna Scott and Arun Chandrasekaran*

"Most enterprises find they need more than OpenStack for management and governance, as well as for multicloud management, including bursting across private and public cloud environments. As a result, many organizations implementing OpenStack invest in a Cloud Management Platform that rides on top, and provides an API translation and orchestration layer across private and public clouds."

## Join ManageIQ at the OpenStack Summit

CloudForms is based on the [ManageIQ open source](#) project. The ManageIQ project is hosting a free user day and hands-on lab for conference attendees at the OpenStack Summit in Vancouver, from 1:50 - 6 p.m. PDT on Wednesday, May 20. Attendees are invited to register at <http://www.eventbrite.com/e/manageiq-user-day-openstack-summit-tickets-16755596440>.

## Additional Resources

Learn more about [Red Hat CloudForms](#)

CloudForms chosen as "Best Cloud Management Solution" in 2014 SIIA CODIE Awards

See [CloudForms 3.2 in action at the OpenStack Summit in Vancouver](#)

Attend the ["OpenStack Infrastructure Management with ManageIQ"](#) session at the OpenStack Summit

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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 the Company 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 Company 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, 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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