

Red Hat Hyperconverged Infrastructure for Cloud Bridges Datacenters and Edge Deployments

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New offering brings together Red Hat OpenStack Platform and Red Hat Ceph Storage to provide an open platform for innovation at the edge

VANCOUVER, British Columbia – OPENSTACK SUMMIT--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today introduced Red Hat Hyperconverged Infrastructure for Cloud, an integrated solution for customers seeking to co-locate compute and storage functions in OpenStack environments. The new offering combines [Red Hat OpenStack Platform 13](#) and Red Hat Ceph Storage 3 in a single user experience, supported by a common lifecycle for greater operational and organizational efficiency.

Red Hat Hyperconverged Infrastructure for Cloud offers an open platform to improve application portability between the datacenter and the edge, especially critical to enterprises that historically didn't have any choice outside of inflexible, proprietary systems. In addition, nodes in an [OpenStack deployment](#) are interoperable, giving customers the choice to use non-hyperconverged nodes across their networks, with hyperconverged nodes at the edge, further improving resource utilization. By using existing skill sets in building private and [hybrid cloud](#) deployments, customers can innovate faster to address next-generation requirements for the edge.

This announcement marks the release of the second component in Red Hat's [hyperconverged portfolio](#), following the introduction of Red Hat Hyperconverged Infrastructure for Virtualization in [June 2017](#), which combines Red Hat Virtualization and Red Hat Gluster Storage.

Red Hat Hyperconverged Infrastructure for Cloud provides a smooth customer experience from procurement to day three operations by delivering a pre-packaged solution with socket-pair pricing. The primary customer benefits can include:

Unified lifecycle management - Red Hat Hyperconverged Infrastructure for Cloud helps create standardized private cloud building blocks, making it easier to enable continuous operations and manage OpenStack and storage functions as a single unit with configuration consistency across the supported lifecycle of the solution.

Lower cost and greater operational flexibility - The new offering allows organizations to run dedicated compute and storage layers at the center with hyperconverged nodes at the edge all running on industry-standard hardware. In addition, all OpenStack services are containerized leading to additional cost savings, and more efficient resource management.

Broader organizational efficiency - Customers can use existing knowledge and assets around [private cloud infrastructure](#) while taking advantage of the benefits offered by OpenStack technology. Hyperconverged infrastructure has great appeal with IT generalists, who are rapidly replacing siloed specialist roles in the modern enterprise. In addition, edge technicians who may lack deep knowledge of OpenStack deployment and configuration can benefit from the unified lifecycle and user experience.

Red Hat Hyperconverged Infrastructure for Cloud can benefit customers implementing systems for [NFV](#) (network functions virtualization) infrastructures to deploy more functionality at the edge of network. In addition to the lifecycle and operational benefits, it also includes all the networking capabilities of Red Hat OpenStack Platform 13 such as Real-time KVM and OpenDaylight. Communication service providers (CSPs) and network equipment providers (NEPs) looking for innovation at the datacenter and the mobile edge can benefit from this solution as they roll out highly performant, agile, and scalable platforms for 5G.

Red Hat is the primary contributor to the open source Ceph and OpenStack communities, and supports an open ecosystem of compute platforms and hardware vendors.

Availability

Red Hat Hyperconverged Infrastructure for Cloud is planned for general availability in June 2018.

Supporting Quotes

Ranga Rangachari, vice president and general manager, Storage, Red Hat

"Customers looking to build a common foundation across datacenter and edge deployments now have the confidence to enable faster rollout of services to their customers. Red Hat Hyperconverged Infrastructure for Cloud provides customers with the power and versatility of hyperconvergence in the hybrid cloud."

Henry Baltazar, research vice president, 451 Research

"In our recent Voice of the Enterprise Servers & Converged Infrastructure survey, 71% of respondents were using hyperconverged infrastructure (HCI) to simplify infrastructure management and maintenance, while 60% were looking to benefit from accelerated provisioning and automation through the use of HCI. Red Hat Hyperconverged Infrastructure for Cloud provides the infrastructure consolidation and simplified lifecycle management which many OpenStack customers are looking for to accelerate their private cloud deployments at the edge and in datacenters."

Ruben Sousa, chief technology officer, ITCenter

"The opportunity for streamlined appointment of Red Hat OpenStack Platform and Red Hat Ceph Storage has opened new doors for our business. Red Hat Hyperconverged Infrastructure for Cloud now serves as the open cloud architecture for our telco platform and enables the cost efficiencies, reduced footprint, and simplified lifecycle management demanded by our customers."

Additional Resources

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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 integration of acquisitions and the ability to market successfully acquired technologies and products; risks related to errors or defects in our offerings and third-party products upon which our offerings depend; risks related to the security of our offerings and other data security vulnerabilities; fluctuations in exchange rates; the effects of industry consolidation; 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; changes in and a dependence on key personnel; the ability to meet financial and operational challenges encountered in our international operations; and ineffective management of, and control over, the Company's growth and international operations, 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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