

# Red Hat Debuts Versatile Software-Defined Storage for Cloud-Native Applications in Red Hat OpenShift Container Platform

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*Latest version of Red Hat Container-Native Storage enables end-to-end storage for all core OpenShift applications and infrastructure, with a three-fold increase in persistent storage volumes per cluster*

RALEIGH, N.C.--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced Red Hat Container-Native Storage 3.6, with support for containerized applications and infrastructure in Red Hat OpenShift Container Platform clusters. Red Hat Container-Native Storage 3.6 comes on the heels of [Red Hat OpenShift Container Platform 3.6](#), the latest version of Red Hat's enterprise-grade Kubernetes container application platform, announced in August.

Red Hat Container-Native Storage, built upon Red Hat Gluster Storage, is integrated with [Red Hat OpenShift Container Platform](#) and uniquely serves storage out of containers. Red Hat Gluster Storage is enterprise-grade, durable, more secure and well-suited for the hybrid cloud as it supports both on-premise or public cloud deployments. These attributes make it ideally suited to Red Hat OpenShift Container Platform deployments. Red Hat Container-Native Storage can eliminate the need to have an independent storage platform, enabling customers to achieve one integrated container platform that can span the hybrid cloud with greater efficiency and cost savings, a streamlined user experience, single control plane and a single point of support.

## Red Hat Container-Native Storage 3.6

The move to container-based applications can bring challenges to existing traditional storage architectures, holding back the drive for innovation and progress. Software-defined container-native storage addresses the challenges with the ability to merge the storage services with the container platform like any other container service and runs on physical, virtual, public cloud and even on top of traditional storage appliances. Existing traditional storage architectures do not always offer this level of inherent scale and flexibility and, as a result, can fall short of unlocking the full potential of container application platforms like Red Hat OpenShift Container Platform.

With Red Hat Container-Native Storage 3.6, Red Hat demonstrates its leadership as a provider of native storage for container platforms with the following new features:

Versatile storage platform for containers enabling customers to manage, scale, and upgrade their storage needs using a single control plane helping customers to achieve greater storage efficiency and cost savings. Red Hat Container-Native Storage now offers support for file, block, and object interfaces, enabling container applications portability to the container platform without change. The addition of block storage (via iSCSI) provides support for distributed databases and other low-latency workloads like Elasticsearch, while the addition of object storage (under Technology Preview) provides an embedded object store within Red Hat OpenShift Container Platform for cloud-native applications needing Amazon Simple Storage Service (Amazon S3) like protocol support.

Support for all core infrastructure elements of Red Hat OpenShift Container Platform, including its registry, logging, and metrics. Support for these core components enables storage administrators to have Red Hat Container-Native Storage for infrastructure out-of-the-box, without needing to use disparate storage systems for different infrastructure aspects and have one integrated platform with simplified management, procurement, and support.

Three-fold increase in the number of applications and microservices deployed on a single storage cluster.<sup>1</sup> Increased persistent volume density offers customers greater resource utilization.

## Test Drive Red Hat OpenShift Container Platform with Container-Native Storage

Red Hat is also rolling out a new OpenShift Container Platform with Container-Native Storage [Test Drive](#), enabling customers to simulate Red Hat OpenShift deployments via the public cloud. This Test Drive aims to provide an inquiring administrator with a full multi-node Red Hat OpenShift Container Platform cluster, running in the cloud. Customers will be able to explore lab exercises designed to expose them to different administrative and operational tasks with both Red Hat OpenShift and Red Hat Container-Native Storage.

## Supporting Quotes

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

"As enterprises deploy containers, many see a need for storage solutions designed specifically for these types of systems. Red Hat Container-Native Storage, optimized for multi/hybrid cloud deployments with Red Hat OpenShift Container Platform, offers that. The addition of support for a broad range of storage workloads, the support for the Red Hat OpenShift Container Platform's core infrastructure pieces, and increased persistent volume density are key features to help customers support present and future datacenters, and all further strengthen the tight integration of Red Hat Container-Native Storage with Red Hat OpenShift Container Platform."

**Henry Baltazar, Research vice president, 451 Research**

"As enterprises move over to hybrid cloud infrastructures and support on premise and public cloud deployments, they need to ensure support for containerized applications and infrastructure with a secure, integrated storage platform. Next-generation workloads like microservices and containers are going to demand more agility and scalability from storage systems, which will have a direct impact on TCO. Red Hat Container-Native Storage enables customers to move to a single integrated container platform across their hybrid cloud

infrastructure, creating a versatile storage platform for containers while simplifying management.”

#### Availability

Red Hat Container-Native Storage 3.6 is expected to be generally available later this month.

#### Additional Resources

Try the new [OpenShift Container Platform Test Drive](#)

Learn more about [Red Hat Storage](#)

Learn more about [Red Hat Container-Native Storage](#)

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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 integration of acquisitions and the ability to market successfully acquired technologies and products; 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; risks related to the security of our offerings and other data security vulnerabilities; 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 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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<sup>1</sup> Based on Red Hat's internal testing.

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