Overview
Build transactional, stateful containerized apps (databases, messages busses and other mission-critical solutions) in OpenShift to gain performance, agility and data security to take these apps into production.

Executive Summary
StorageOS natively integrates OpenShift to deliver dynamic volume provisioning, data services, performance and ease of use. It works with any application, any infrastructure and any orchestrator to address container limitations by delivering an application-centric cloud native storage solution that ensures storage is continually available for applications as they move between nodes with a common management and security environment across on-premises and cloud platforms. StorageOS improves performance and decreases time to market for applications.

Statement from Partner
“DevOps and containers are growing at an unprecedented rate, but without persistent storage for containers, enterprises are stuck using legacy tools and cannot adopt agile, cloud-native technology like upstream Kuberntes and commercial offerings such as OpenShift,” said Chris Brandon, CEO at StorageOS. “StorageOS is ready to use in OpenShift environments to help deliver database, message bus, and instrumentation use cases with persistent storage use cases.”

Statement from Red Hat Connect
“Developers and architects looking to build new applications in, and for the cloud, or migrate existing applications to a cloud-based infrastructure, partner with Red Hat to develop and deliver more supportable solutions sooner;” said Mike Werner, Sr. Director, Global Technology Partners, Red Hat. “Red Hat certification assures a supportable platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like StorageOS, resulting in the world’s largest open, and commercially supportable application ecosystem.”

Company Description
StorageOS provides enterprise-grade, persistent storage for containers and cloud. Purpose-built, StorageOS aggregates cloud or local storage and presents it as highly available, low-latency block storage ideal for deploying databases, message busses, and instrumentation in containerized apps. A cloud native solution, StorageOS is designed to address new considerations for containers, providing storage at the application level. StorageOS is infrastructure and orchestrator agnostic and fully integrates with OpenShift. StorageOS is a software partner of Red Hat’s, a member of the OpenShift Commons community, and has a Red Hat certified container.

Product Profile
Architected and optimized to provide deterministic performance and strong consistency for replicated volumes across availability zones, StorageOS enables enterprises to deploy database workloads in orchestrated and containerized environments. StorageOS is strongly consistent and uses block level synchronous replication to ensure data is safe even when nodes or disks fail.

FAST FACTS
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Product Benefits

• **Persistent volumes** – Create persistent volumes for containers and OpenShift.

• **Dynamic provisioning** – Dynamically provision storage using OpenShift Storage Classes and Persistent Volumes Claims.

• **Replication for high availability** – Quickly recover applications and databases. Volumes are accessible across the entire cluster providing high availability, durability and consistency of application data with synchronous replication.

• **Policy-driven rules engine** – Use labels to automate data placement and enforce data policy such as replication. Ideal for compliance and infosec teams to enforce policies and rules while still enabling self-service storage by developers and DevOps teams.

• **Improved ROI** – Expand the number and type of apps that OpenShift can deliver

• **Decrease Time to Market** – Build and deploy more complex applications more quickly to achieve competitive advantage

Use Cases

• High availability for databases, message busses, and other mission-critical stateful solutions where rapid recovery and fault tolerance are essential

• Persistent storage for OpenShift

• Integrated storage for application runtime and orchestrated platforms

For sales inquiries: redhat@storageos.com

Resources: [https://storageos.com/resources](https://storageos.com/resources)

Play with StorageOS: [play.storageos.com](play/storageos.com)

StorageOS is a Red Hat certified container and is available for customer download from the Red Hat certified container registry. [https://access.redhat.com/containers/?tab=overview#/registry.connect.redhat.com/storageos/node](https://access.redhat.com/containers/?tab=overview#/registry.connect.redhat.com/storageos/node)