

Virtuozzo

FAST FACTS

Company:
Virtuozzo

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Company Description

Virtuozzo is a hyperconverged infrastructure software provider with a focus on production ready software defined storage. The company has been providing storage solutions since 2012 and has hundreds of active customers today. Virtuozzo is also an active contributor to many influential open source projects including, Linux kernel, OpenVZ, CRIU™, KVM, Docker, OpenStack, CNCF and OCI.

Product Profile

Virtuozzo Storage gives customers the power to deliver persistent volumes, NFS and S3 object storage for the latest container platforms targeted at cloud native applications including Docker and Kubernetes. The solution provides iSCSI, and block storage for traditional enterprise applications.

Overview

Persistent, software-defined storage that provides: iSCSI, S3, NFS, block storage and persistent volumes for Docker/Kubernetes.

Executive Summary

Virtuozzo Storage makes it possible to manage persistent data in cloud native environments. IT managers and developers can utilize shared storage for any application—without being tied to a single server. Virtuozzo Storage integrates with Docker Swarm and Kubernetes, and runs on commodity hardware. It provides vast enterprise-level capabilities in both services: S3, block, iSCSI, NFS and management: high availability (HA), geo-replication, data protection and monitoring.

Statement from Partner

“The container revolution is empowering businesses and developers with faster, more efficient ways of developing and running cloud native applications. In order to take full advantage of the performance and business agility benefits of containers for production workloads, persistent data storage is a requirement. Our partnership with Red Hat enables us to help more businesses solve their requirement for persistent storage and achieve success.”

George Karidis, CEO, Virtuozzo

Statement from Red Hat Connect

“Customers are looking to migrate their applications to the cloud leveraging containers as the deployment model,” said Mike Werner, senior director, Global Technology Partners, Red Hat. “Red Hat container certification assures a supportable and performant platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like Virtuozzo, resulting in the world’s largest commercial ecosystem for containers.”



TECHNOLOGY PARTNER



CERTIFIED TECHNOLOGY

Product Benefits

Virtuozzo offers a single, software defined solution that enables businesses and service providers to manage persistent data in cloud native environments. Key benefits include:

- Multi-purpose storage that enables persistent volumes, iSCSI, block storage, NFS and geo-replicated S3 object storage; all in one solution
- Both replication and erasure coding support for cold and hot data profiles
- Data tiering and iSCSI QoS support
- Data encryption support
- Easy-to-use cluster management GUI
- Built-in monitoring and notifications (with SNMP and email event notifications)
- Protects data at block storage level with scheduled snapshots
- Multi-purpose persistent volumes management dashboard

Use Cases

Virtuozzo Storage provides distributed, software-defined storage that can support multiple use cases for enterprises and service providers, including:

- iSCSI for traditional enterprise applications.
- Container storage with persistent volumes for cloud native apps and micro-services.
- S3 object storage for microservices and cloud-native applications.
- Block storage for Virtualization
- NFS shared storage



To learn more about how Virtuozzo can help provide persistent storage for cloud native applications and production ready environments, [visit us online](#)