

Virtuozzo Infrastructure Platform

Hyperconverged infrastructure combining compute, storage, virtual networking, and management for multiple workloads.

What is Virtuozzo Infrastructure Platform?

Cost-effective, easy-to-manage hyperconverged infrastructure for private and public cloud that optimizes hardware utilization, lowers total cost of ownership, and delivers high server performance and availability. Secure by design, Virtuozzo Infrastructure Platform combines compute, storage and networking services with advanced analytics and monitoring in a single solution.

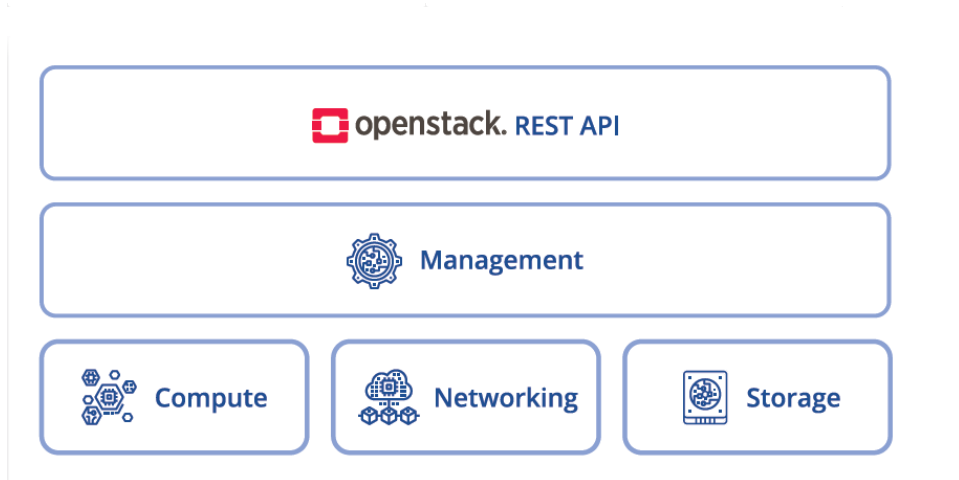


Figure 1. Virtuozzo Infrastructure Platform Components

Key Benefits

Simplicity

Reduce the complexity of IT operations.

Lower Costs

Drop CapEx and OpEx.

High Availability

Automatically recover systems from server or component failure.

Increased Server Performance

Get the most of your infrastructure resources with virtualization and highly-scalable storage.

Agility

Make your hardware infrastructure more scalable and flexible.

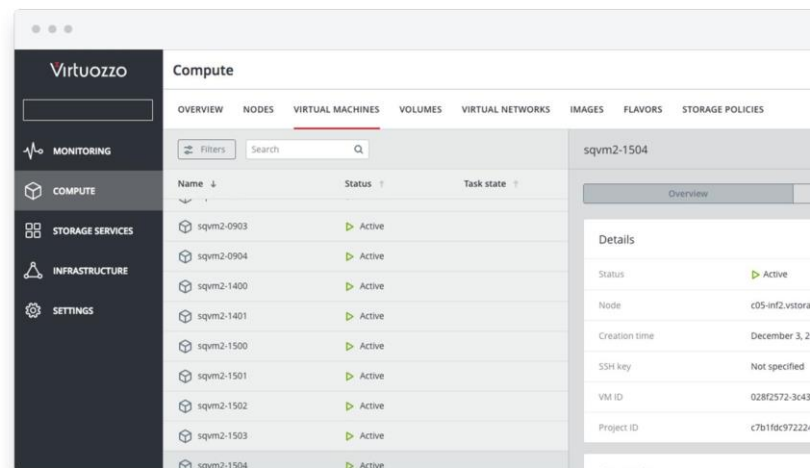
Key Features and Components

#1 Resilient Compute and Networking

High-performance and high-availability virtual machines based on proven open source technology, ready for enterprise production loads and protected from server outages.

Secure and isolated networking with VXLAN encapsulation based on distributed virtual switching technology.

Full Windows guest support for desktop and server editions with automatic installation of high performance paravirtualization drivers.



#2 Simplified Management

Single management console for hyperconverged compute, storage and networking services.

Multi-tenant architecture that provides security and isolation between independent instances of applications operating in a shared environment.

Built-in advanced analytics and monitoring with a modern alerting system and enterprise overview dashboards.

Comprehensive integration with third party systems via 100% compatible OpenStack APIs such as WHMCS and CloudBlue APS.

Fast and simple installation with no need for professional services.

#3 Software-Defined-Storage

Data redundancy in case of any type of hardware failure, with support for block storage (VM volumes, iSCSI, FC), file storage (NFS), and object storage (S3).

High-performance block storage for hot data and virtual machines, natively integrated with compute services.

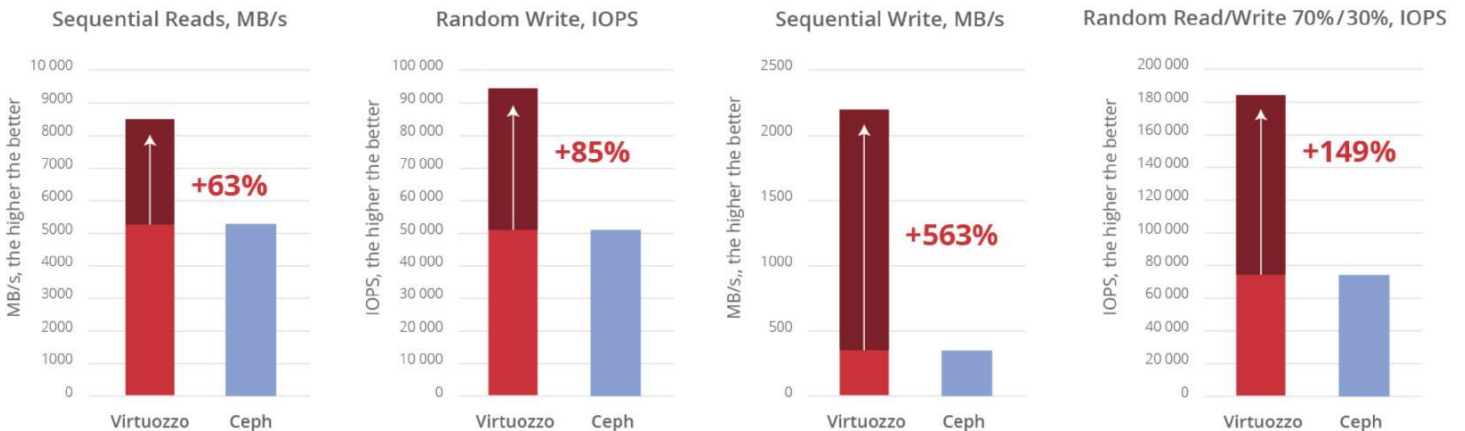
Cost-effective cold data storage with erasure coding that optimizes disk space for storing petabytes of data.

Object storage compatible with any S3 applications and clients for building an S3 cloud, with scalability up to a billion objects and with usage statistics for billing.

Easy and smooth scalability for growing clusters by small steps on one server or disk.

Performance Comparison: Virtuozzo Infrastructure Platform vs. Ceph

Virtuozzo Infrastructure Platform is up to 5 times faster than Ceph 12.2.5.



*Measured on All-SSD cluster based on 6x nodes: Xeon E5-2620 v4; 64G RAM; 3x SSD

FOR MORE INFORMATION

www.united-hoster.de
 vertrieb@united-hoster.de

December 2018