Hosting Solutions Provider Saves 20% in Hardware and Licensing Costs with Virtuozzo

Virtuozzo provides a next-generation platform that gives partners a competitive edge in delivering cloud services.

“Because of Virtuozzo, we have experienced significant cost savings and infrastructure savings, and we were able to make full use of our hardware. Virtuozzo also provides a platform that allows us to explore new products and stay ahead in the market.”

— Company executive

Challenges

A web hosting provider offering enterprise-grade solutions ranging from basic web hosting to advanced application and desktop delivery had a rapidly expanding system. They were challenged to find a way to easily scale their capacity and performance to support this expansion. However, traditional storage area network (SAN) platforms led to an uneven balance of cost versus performance.

The Virtuozzo Solution

The consolidation of the provider’s IT environment to Virtuozzo was a significant step toward addressing their challenges.

Virtuozzo enables both containers and hypervisors to be deployed on the same physical server. By using this virtualization platform, service providers can take advantage of container scalability and streamlined operations, while still providing hypervisors for customers who need control over all aspects of their virtual server.

Virtuozzo also includes a distributed, shared cloud storage that offers SAN-like performance and scalability but runs on the existing compute infrastructure. This eliminates the need for separate storage systems.

Virtuozzo enabled the provider to reduce their server footprint which meant fewer racks, lower power consumption and lower on-going costs.

FOR MORE INFORMATION

Visit Virtuozzo: www.virtuozzo.com

© 2018 Virtuozzo. All rights reserved. Virtuozzo and the Virtuozzo logo are trademarks of Virtuozzo.
Virtuozzo Benefits

Virtuozzo includes many built-in features and capabilities that allow customers to enjoy up to 20% savings in hardware and licensing costs.

**REDUCED HARDWARE COSTS**

The inclusion of cloud storage in Virtuozzo eliminates the need for a separate SAN, which can save rack space, power, cooling, cabling, and network switch costs, all of which amount to considerable savings.

**AN OPEN APPROACH**

Virtuozzo allows providers to avoid hardware vendor lock-in. For example, Virtuozzo storage has no special hardware requirements: it can be built using commodity hardware and will run on the service provider’s current hardware stack.

In contrast, SANs are often heavily vendor-controlled.

**HIGHER INFRASTRUCTURE AVAILABILITY**

Virtuozzo ensures that data availability will be protected, even if individual logical or physical components fail. The system automatically load balances around the disk failure, taking into account both the amount of free disk space and the distribution of the load. Replica blocks will automatically redistribute upon detecting a failure, which rapidly reduces the risk of data loss.

**BETTER SCALABILITY**

With Virtuozzo, providers can scale their infrastructure simply by adding additional servers, without having to worry about forklift upgrades. Adding more servers improves the performance of the system.

**REDUCED TRAINING COSTS**

The adoption of Virtuozzo results in significant savings in terms of staff training costs. Virtuozzo allows IT environments to be managed using the same set of Virtuozzo tools that technical teams are already familiar with.

**NEW GROWTH OPPORTUNITIES**

Container infrastructure support for emerging technologies such as Docker allows providers to explore new offerings that can be introduced to the developer market.

GET MORE INFORMATION