

IaaS Provider Leverages Virtuozzo Storage and Virtualization Solution to Increase Hardware Utilization by 3x

Learn how an IaaS provider leveraged Virtuozzo's hyperconverged infrastructure to effectively manage seasonal peak periods for its customer, a leading online global travel operator.

Challenge

Improve Performance and Capacity During Peak Infrastructure Load

A global travel operator relies on e-commerce to generate revenue and deliver outstanding customer experiences. During seasonal peak periods, the stability and reliability of its underlying infrastructure is critically important. The company's hosting provider had a significant business opportunity to help them cope with the seasonal demand peaks that were impacting their e-commerce experience.

With Virtuozzo powering their infrastructure, the provider knew it could give its customer better performance and exceptional storage capacity with a reliable, low cost virtualization platform.

Solution

Virtuozzo Containers, VMs, and Virtuozzo Storage

The company adopted its hosting provider's recommendation to use Virtuozzo's hyperconverged platform, combining containers, VMs, and storage. Virtuozzo was the only solution able to provide a single platform to manage the e-commerce project that involved a uniquely complex mix of Linux proxy, caching, database servers and CMS.

Virtuozzo's elastic computing performance, which can scale up or down in real time, is now helping the company cope seamlessly with fluctuating demand. Their entire e-commerce infrastructure, including multiple reseller and mobile websites, is now running smoothly on their hosting provider's Virtuozzo-based platform.

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Benefits to You. Benefits to Your Customers.

Using Virtuozzo's optimized and well-proven products, hosting providers are able to expand their business from one primarily built around web hosting services, to one that provides customers with complete infrastructure-as-a-service solutions.

Unified Storage and Virtualization Solutions

Virtuozzo's flexible, affordable products have become the cornerstone of the company's IaaS offering. The provider can easily shape their portfolio with storage, container, and VM solutions to develop new products without any large-scale technical work. As a result, their customers benefit from truly elastic computing capacity at low cost, and with the highest levels of reliability.

"Virtuozzo's unified products mean the price and performance we can offer our customers is significantly better. We can put up to three times as many VMs on a single physical server and run them alongside containers to maximize the use of hardware resources.

Virtuozzo's ability to efficiently pool unused storage resources allows us to lower costs for ourselves and our customers."

— Company executive



Virtual
Machines



Containers



Storage

High Availability. Zero Disruption.

Infrastructure reliability is critically important to e-commerce. Virtuozzo Storage's high availability ensured that the company's e-commerce would always be operational, despite dramatic shifts in load. When it came time for system upgrades or migrations, Virtuozzo's rebootless update functionality provided built-in support for ongoing maintenance with no disruption to service.

"Because each virtual machine is updated on the fly during necessary maintenance periods, there is no service disruption to the customer, and updates are faster, all of which saves a lot of time and effort, providing our customer with the level of service they expect."

— IaaS provider executive

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