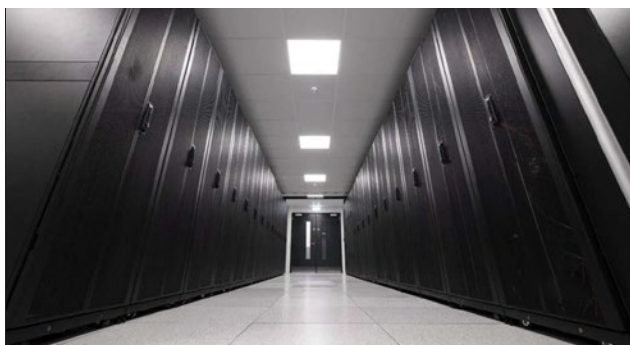




Industry

Web Hosting & Public Cloud

About Kualo

- Founded in 2000
- Headquartered in London, UK
- Web hosting services provider with thousands of clients worldwide

IT Stack

- CentOS Linux, KVM
- StorPool Storage
- OnApp Cloud Management

Data Storage Solution

- Servicing 2 global locations - UK and US
- Leveraged existing hardware
- Redundant 10Gbit multipath storage networks
- StorPool Fully-Managed Service
- Cost and Time savings

www.kualo.com

www.linkedin.com/company/kualo

Success Story

The Challenge

Finding a suitable storage solution for their cloud hosting offering was the single most frustrating obstacle that Kualo has had to overcome to date. Their experience started with AppLogic but the storage speed and capacity limitations were a repeating headache. They also looked at several enterprise solutions which had the potential to solve these problems, but were prohibitively expensive.

Over the years Kualo deployed numerous software solutions - Nexenta, FreeNAS and OpenFiler, but in all cases they had rapidly encountered scalability issues, performance problems, or both. Deploying StorPool allowed Kualo to replace these multiple systems with a single solution that solved all their storage problems.

Storage Solution

Kualo's initial solution consisted of two clusters of 3 storage nodes each of which have since been expanded to provide both additional capacity and higher level performance. Due to StorPool's software minimal use of CPU and RAM resources, Kualo has the ability to use the storage nodes for computation as well as for storage in a converged fashion. Their initial 3-node cluster, even on reused hardware, achieved data transfer rates over 1.7 GB/s and up to 120,000 IOPS. Their new StorPool 3-node cluster achieves more than 250,000 IOPS and 4 GB/s. The solution takes advantage of redundant 10Gb networks to provide redundancy and impressive performance.



StorPool is the solution to storage performance and scalability problems that we've been battling with for years. It has delivered the performance and reliability our clients require at a viable cost, virtually eliminated the time our engineering team spends dealing with storage related problems and it provides us with access to a fantastic team who excel at what they do and always go the extra mile to exceed our expectations.

Craig Luke | Operation Director, Kualo

Over the years, Kualo has developed four key criteria for selecting storage infrastructure: performance, redundancy, scalability, and cost-effectiveness. StorPool delivers superbly in all of these areas - something no other product they have tested or deployed has been able to do. With StorPool, Kualo managed to deploy a combination of older servers and new drives and achieved exceptional data throughput in a very cost-effective manner.

The Results

Kualo selected the StorPool storage solution for its simplified infrastructure in a single system, the fully-managed services, the ability to scale at a moment's notice, and the consistent high performance. The pay-as-you-grow pricing structure also allowed Kualo to reduce their TCO, and the confidence in their new storage system allowed the company to refresh their entire cloud server offering and facilitating further revenue growth.

- **Boost in performance** – achieved the performance of all-flash at the price of all-HDD
- **Significant reduction in TCO** – due to the cost-effective and scalable pricing model and reusing existing hardware
- **Increased scalability** – Kualo can scale StorPool as the storage requirements grow
- **Time saving** - time wasted maintaining multiple systems and dealing with intermittent issues has been eliminated
- **Downtime reduction and increased reliability** - since StorPool was deployed, Kualo have experienced zero storage-related outages

Learn more at storpool.com

StorPool Storage is the leading provider of ultra-fast and effortless block data storage software on the market. Its enterprise solution is used by public and private cloud builders, enterprises, MSPs, SaaS, hosting, and cloud providers. It comes as a software, plus a fully-managed data storage service that converts sets of standard servers into fast, highly available and scalable shared-storage systems.



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