



StorPool
DISTRIBUTED STORAGE

**StorPool Outperforms
Nimble and Pure Storage
for a Large-scale Multi-terabyte
Storage Deployment
with CloudStack**

Success Story

Amito Ltd

Industry

Information Technology and Services

Solution

High-Performance Data Storage Platform with CloudStack across several clusters

Technology Stack

- AMD EPYC CPUs
- Intel NVMe drives
- Juniper 25G/100G switching
- CloudStack
- StorPool Storage

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"We have a core company value of aiming for excellence. We couldn't put our hands on our hearts and say we were aiming for excellence whilst using our previous storage solution. It was time for a change!", said Ed Butler, CEO of Amito.

About Amito

Amito is a UK-based cloud and managed service provider. The company offers unparalleled public, private and hybrid cloud solutions, colocation across key ecosystems, and high connectivity. It has been delivering bespoke cloud services since 2000. Impressively, Amito has a presence in 28 data centers worldwide and is a trusted technology partner for mid and large enterprises, which need reliable and scalable IaaS solutions.

The Challenge

Amito's senior team has been working in the hosting sector for an average of 15 years each. Without a doubt, the most difficult part of the infrastructure stack for high availability virtualized servers is storage. The storage solution they were using wasn't as strong as the rest of the platform.

Amito was using quite a few different solutions, from big-name vendors to in house developed HA SANs based on ZFS. None of these solutions brought the expected results.

Amito did a comprehensive assessment of many vendors and their solutions. They initially cast the net very wide but made a shortlist quite quickly of StorPool, Nimble and Pure Storage.

"It's probably not surprising that our shortlist didn't contain any of the vendors with older legacy solutions – the approach to storage has moved on, and they have not all kept up.", shared Ed Butler, CEO of Amito.



The Solution

StorPool built an initial deployment of 12 storage clusters with hundreds of TBs to support the needs of Amito's broad range of applications, with a hugely different set of performance and availability requirements. More clusters are being installed in 2020 H2.

The storage solution of Amito is powered by Intel NVMe drives, Juniper 25G/100G switching and AMD EPYC CPUs. The system is orchestrated by KVM and CloudStack and supports a large number of Windows and Linux virtual machines.

All of Amito's storage clusters have been faultless since they implemented them and with zero downtime. The company is currently using around 35% less storage than on their previous solution because of the way StorPool implements snapshots and being more efficient. Most visibly to their clients, they've seen a dramatic increase in performance. Amito really appreciates the detailed statistics and monitoring available to them, which helps their team to pinpoint problems before they occur.

Key Benefits

- New-age storage solution
- Unbeatable performance
- Space savings and efficiency
- Monitoring and alerting
- Great support

***"We always aim to pick the right partners to build our solutions on, and StorPool has demonstrated their excellence to date. StorPool is a rare combination of great technology and a willing and very able support team!",
Ed Butler, CEO of Amito.***



Learn more at storpool.com

StorPool Storage is the leading provider of block-level SDS storage on the market. Its enterprise solution is used by public and private cloud builders, enterprises, MSPs, SaaS, hosting and cloud providers. It comes as software, plus a fully-managed data storage service that transforms commodity hardware into a fast, highly available and scalable shared-storage system.