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...and again as VESK also brings in software-defined storage

VESK – which is said to be the UK's largest provider of hosted virtual desktops – has chosen Nexenta's open source-driven software-defined storage to support its increasing storage and IOPS requirements, and growing portfolio of cloud services.

It has deployed the *NexentaStor* high availability cluster in a SAN which is providing more than 130TB of raw storage, as well as read and write SSD caching. Nexenta says it also enables VESK to cluster so it can simply add more SANs when required, removing the need to purchase any new solutions.

In addition, backup and data retrieval has also dramatically increased with VESK's three disaster recovery locations connecting via 10GbE dark fibre and provided with an hourly data auto-sync.

Founded in 2009, it's claimed VESK was one of the first companies to implement and support VDI in the UK. In recent years, it has expanded into providing PaaS and IaaS capabilities from its data centres in London, Singapore and the US.

As its client base and cloud offering grew, the firm says it continually found storage issues barring the way to future and sustainable growth. Its current business model could no longer support any under-utilisation of expensive storage equipment, and the management of an extended SAN also risked swamping system administrators.

Equally, with the need for a higher IOPS and 100 per cent performance level uptime for high density applications, recurring issues such as low caching ability and limited network speed further constricted VESK's development.

Despite having more than 70 hypervisor servers running, it discovered that the legacy SAN was the root of the problem. ■