

HGST Goes for Object Storage Archiving

Written by Marco Attard
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Western Digital subsidiary HGST presents a take on object storage archiving-- the Active Archive System, a means for customers to store up to 4.7PB of raw data in a single rack.



Object storage technology views files as objects. Storage takes place in a flat, folder-free space with the content forming the address, with erasure coding eliminating the need for RAID and data replication.

The Active Archive System uses 8TB HelioSeal HDDs and "tightly integrated, tuned and optimised" hardware, together with technologies from recent acquisition Amplidata. It features a plug-and-play scale-out design integrating object storage, networking, servers and storage within an Amazon S3-compliant object storage interface, and supports Avere NAS-to-object gateway.

The result, according to the company, is a more economic alternative to archiving data on the cloud, since it lacks associated bandwidth issues while being more dense and power-efficient than other scale-out solutions.

"Data has become the currency of the new economy. The ability to store, retain and interact with data enables businesses to gain new insights to help boost productivity, make better decisions and even predict the future," HGSt says. "Leveraging our investment in object storage software and our unique approach of vertical innovation, the Active Archive System is positioned to help users unlock the power of their data."

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The Active Archive System is available now.

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