

STORAGE VISIONS® 2018

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AN ENTERTAINMENT STORAGE ALLIANCE™ EVENT



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TITLE

Benchmarking Persistent Memory in the Real World

ABSTRACT

This presentation will discuss how the award winning SNIA Real World Storage Workload Specification is applied to persistent memory workloads and what results. Devices compared and presented include NVDIMM-N x1, x2 and x4 module performance vs Optane NVMe; NVDIMM-N comparison of 3 engines: Mmap, Non Temporal Writes and Msync; and NVDIMM-N comparison of synthetic RND 4K W workload vs Real World SQL Server workload

BIOGRAPHY

Eden Kim is CEO of Calypso Systems, a leading SSD test vendor. He is chair of the SNIA SSS Technical Working Group and the SSSI Technical Development Committee. Eden has published several papers on SSD performance testing and SSD product architectures. He has presented frequently at past Flash Memory Summits, at the SNIA Storage Developer Conference, Storage Visions, and many other events. He has also published whitepapers on SSD workloads.