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Oracle speeds up ZFS Storage Appliance line, other data storage news

Oracle Corp. upgraded its Sun [ZFS Storage Appliance](#) line with enhancements to its Hybrid Storage Pool technology and the addition of Hybrid Columnar Compression support.

The Sun [ZFS Storage](#) Appliances [enterprise NAS systems](#) use the Hybrid Storage Pools to accelerate IOPS performance. Oracle claims the 7420 model performed at 137,066 IOPS in the SPC-1 benchmark. Hybrid Columnar Compression is designed to decrease the data storage footprint for archived OLTP databases and data warehouses. The compression feature works with the Oracle Database 11g R2 that also launched this week at Oracle OpenWorld.

Fusion-io upgrades ioMemory platform

Fusion-io Inc. rolled out the ioDrive2 and ioDrive2 Duo [PCIe flash cards](#), claiming 15 microsecond write latency, 3 GBps bandwidth, more than 700,000 read IOPS and more than 900,000 write IOPS. The cards include a self-healing Adaptive FlashBack feature and system-level integration with the Fusion-io architecture and are offered in 365 GB, 785 GB, 1205 GB and 2.4 TB capacities. There are [single-level cell \(SLC\)](#) and [multi-level cell \(MLC\)](#) versions of the ioDrive2 and ioDrive2 Duo. The ioDrive2 is a half-height card and the ioDrive2 Duo is a full-height card.

Actifio launches system for virtualized data management

[Actifio](#) Inc. has rolled out the Actifio PAS storage system that enables virtualization of management and data retention. The new platform compiles multiple silos of data, infrastructure and single-function point tools into a service level-driven virtualized Protection and Availability Storage (PAS) solution. It also lets users manage all copies of production data across virtual, physical and cloud IT infrastructures for on-premises, hosted or hybrid cloud deployments of applications.

BridgeStor adds dedupe card for Windows file servers

BridgeStor LLC has launched its Dedupe Card for Microsoft Windows Server 2008 Shared Network Storage. The PCIe card includes a data reduction processor and software that adds block-level [data deduplication](#), compression, thin provisioning and encryption to Windows-based NAS.

EMC acquires database software

EMC Corp. confirmed reports it has acquired assets and employees of database optimization vendor Zettapoint. EMC has resold Zettapoint's DBclassify software as part of its EMC Select Program since 2009.

Enhance introduces unified storage

Enhance Technology Inc. launched its UltraShare NS2080, NS2120 and NS3160 Unified NAS storage systems. The UltraShare NAS NS Series offers dual-mirrored, Linux-based embedded operating systems for high availability. The NS systems handle device-to-device [data replication](#); many-to-one replication; volume

encryption; snapshot over NAS, iSCSI and Fibre Channel targets; [high-availability clustering](#); and file-level data deduplication for backup. The NS2080 is a 2U eight-drive system, the NS2120 is a 3U 12-drive system and the NS3160 is a 3U 16-drive system.

Kodak to service Astute Networks flash appliances

Astute Networks Inc. signed an agreement with Kodak Service and Support to provide onsite service for [Astute's ViSX G3](#) flash appliance designed to speed performance in heavily virtualized VMware environments.

Samsung, Micron form memory group

Samsung Electronics Co. Ltd. and Micron Technology have created the Hybrid Memory Cube Consortium (HMCC), an alliance of vendors that will collaborate in developing an open interface spec for Hybrid Memory Cube (HMC). Developers Altera Corp., Open Silicon Inc. and Xilinx Inc. are also in the consortium, which will define the HMC spec. The goal of the HMCC is to overcome bandwidth requirements that make up the "memory wall" that hinders performance of high-performance computers and next-generation networking equipment.

SSD vendor OCZ acquires PLX chip assets

[Solid-state drive \(SSD\)](#) vendor OCZ Technology Group Inc. signed a definitive agreement to acquire the U.K. design team and assets of Sunnyvale, Calif.-based chip developer PLX Technology. OCZ said the acquisition of PLX's system-on-chip and controller design technology will enable it to accelerate its SSD development. PLX will add approximately 40 engineers from PLX and all patents related to the technology as well as a perpetual license. PLX will retain and continue to sell its current products, which include PCIe switches, and consumer storage and USB controllers.

UNH-OIL to offer testing for all Data Center Bridging standards

The University of New Hampshire InterOperability Laboratory (UNH-IOL) has enhanced its entire spectrum of [Data Center Bridging \(DCB\)](#) testing services by updating test suites and tools in accordance to the IEEE DCB standards. The UNH-OIL will host an Ethernet Alliance DCB plugfest Oct. 17 to 21 and a [Fibre Channel over Ethernet \(FCoE\)](#) plugfest Oct. 24 to 28 at its labs.

HDS buys South Africa distributor

Hitachi Data Systems (HDS) Corp. said it intends to acquire Shoden Data Systems, a South Africa-based provider of data center technology solutions. HDS and Shoden have had an 11-year partnership.

LeftHand founder joins Avere board

NAS accelerator startup Avere Systems Inc. said LeftHand Networks founder and former CEO Bill Chambers has joined its board. Chambers also served as vice president of the LeftHand Networks Division of HP's StorageWorks Group after HP acquired LeftHand in 2008.

Sepaton names Quantum vet CTO

Sepaton Inc. named Jeff Tofano chief technology officer (CTO) to drive product and architectural decisions for

its data protection appliances for enterprises. Tofano has been CTO at Quantum Corp., a technical director at NetApp and chief architect for NAS vendor OnStor.

ExaGrid says it had record quarter for sales

Data deduplication backup appliance vendor ExaGrid Systems Inc. said its sales grew more than 30% year-over-year last quarter. ExaGrid said it finished the quarter with more than 1,100 customers.

Nebraska medical center deploys Nexsan Assureon for archive

The Regional West Medical Center of Scottsbluff, Neb., has installed a [Nexsan Assureon](#) for its medical archive system. The Nexsan Assureon supports a picture archiving and communication system (PACS) and Horizon Medical Imaging from McKesson, which the medical center purchased to improve the workflow and retention of patient records.

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