

Dell Takes on Deduplication Appliances

Written by Marco Attard
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Dell makes use of technology from 2010 acquisition Ocarina Networks with the DR4000-- a disk-based backup appliance performing data deduplication and replication tasks.



The company also launches version 6.0 of Compellent Storage Centre, now supporting 64-bit technology together with tighter integration with VMware vSphere storage APIs.

Dell says the DR4000 achieves 15:1 data reduction ratio, allowing for the storage of up to 100TB in a 2U array. It aims for SMB and small enterprise use (as primary data storage with backup and disaster recovery capabilities) and comes in 40TB, 81TB and 135TB capacities as a single appliance.

Using inline deduplication and compressing features, the DR4000 reduces data during physical and virtual server backups-- working as a staging area for data images and allowing backed up data access in seconds.

Meanwhile Compellent Storage Centre 6.0 now includes VMware Site Recovery Manager 5 support through Storage Replication Adapter-- with features including automated failback from disaster and new work flows for planned migration and downtime.

Compellent Storage Centre natively replicates virtual machine data to a storage array, before placing data on storage tiers. Another 2010 purchase from Dell, Compellent is best known for "Fluid Data" data tiering technology, now in use by Dell.

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