

## Celerra NS40, NS40G, NS80, and NS80G NAS Devices

Oct 24, 2007 -- EMC Corp. unveiled the next generation of its Celerra NS series of IP storage systems. Using EMC's full 4Gb/s CLARiiON CX3 UltraScale architecture, the new Celerra NS series systems further extend EMC's price/performance leadership in network attached storage (NAS). These Celerra's also provide advanced scalability and functionality, high availability, and simplified management.

The Celerra NS40 and NS40G systems deliver high data availability and provide 16 to 32 terabytes (TB) of usable capacity through single or dual-blade configurations. The Celerra NS40 systems are optimized for customers looking to consolidate multiple file servers and/or Microsoft Exchange, SQL or Oracle applications running on DAS direct attached storage. The Celerra NS40 systems provide up to 39 percent more performance than the earlier Celerra NS500 systems and combine NAS and iSCSI (Internet SCSI) capabilities in either an integrated or gateway system.

EMC has also introduced Celerra NS80 and NS80G systems, which are optimized for environments requiring advanced clustering availability and providing 20 to 60 terabytes (TB) of usable capacity through 2, 3, or 4-blade configurations. Like the NS40 and NS40G, the Celerra NS80 systems are optimized for customers looking to consolidate numerous file servers and/or Exchange, SQL or Oracle applications. They also provide 27 percent more performance than the earlier NS700 systems. They also combine NAS and iSCSI capabilities in either an integrated or gateway system.

EMC also introduced new X-Blade 65 server technology for its Celerra NSX system. These blades were designed and built by EMC to support 10Gb Ethernet with a maximum usable capacity of 168 terabytes in a Celerra NSX system.

EMC stated Monday that products in the EMC Celerra NS series deliver more value, advanced functionality, and a better ratio of price to performance than standard filers from Network Appliance Inc. The Celerra NS40 system offers up to a 46 percent better price performance ratio than a similarly configured Network Appliance FAS320C. The Celerra NS series systems also deliver other significant advantages, including gateway upgradeability, advanced clustering capabilities, better capacity utilization, array-based RAID configurability, free snapshot restore functionality, sustained service levels in failover scenarios and EMC's industry-leading service and support

The EMC Celerra family of IP storage systems lead the industry in delivering high availability with capabilities like an active-passive N+1 clustering architecture, controller-based RAID and protection from single points of failure from the network to the disk drive.

Celerra systems offer a comprehensive suite of built-in features including snapshots, automated volume management, file migration APIs and virtual (thin) provisioning. In addition, these Celerra systems offer advanced functionality while minimizing management complexity.

These capabilities distinguish Celerra technology as the ideal foundation for an IP-based information lifecycle management strategy. Combining Celerras with other EMC technologies, allows benefits such as policy-based file mobility and archiving, dynamic file virtualization, performance optimization, advanced network management, information classification, IT service management, and IP-based fixed content storage.

Networked IT services provider BT Group in the UK has already deployed Celerra NS40G at a customer site for an online music store. For the hosting of the online music store, BT needed an IP storage platform that could handle large volumes of multimedia content, and

keep the content in sync between its two datacenters for disaster recovery purposes. The Celerra NS40G enabled BT to implement this IP storage platform seamlessly in its datacenter storage infrastructure and management framework, to effectively meet its challenging time constraints.

File-level services continue to garner increased attention as organizations experience significant growth in file-related data. iSCSI is proving to be a viable protocol to support Exchange and other database applications. EMC's new Celerra line provides IP-based storage that will help customers address both file and block-level storage while minimizing management complexities, it added.