

## Multicore Optimized EMC VNX Series

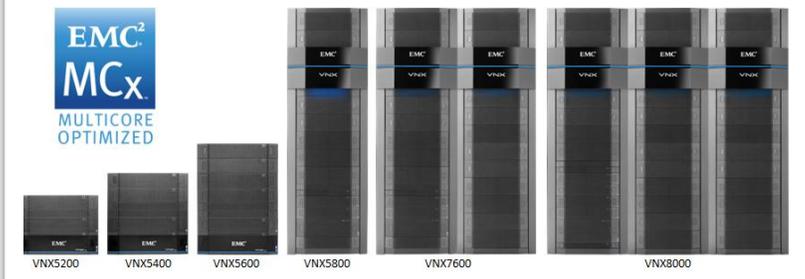
### Revolutionizing Midrange Virtual Server NAS Workloads

This preview summarizes ESG Lab’s first impressions of the new and improved EMC VNX family of mid-tier storage solutions. ESG Lab testing will be focused on the improved performance, manageability, mobility, efficiency, and protection that’s ideally suited to meet the needs of the growing number of organizations deploying network-attached storage (NAS) for transactional workloads in virtual server and database environments.

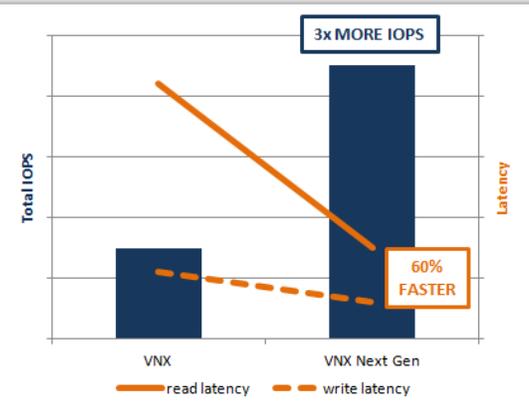
The Full Report Will Be Available At  
[www.emc.com](http://www.emc.com)

#### Introducing the new EMC VNX Series

The new EMC VNX family builds off of its existing success with a next-generation platform that promises best-in-class ROI and TCO for increased consolidation and savings in virtual environments. Organizations can expect multiple areas of improvements and benefits including:



**Improved performance** delivers faster file accesses and quicker response times with the latest Intel Sandy Bridge processors and the powerful new EMC MCx multicore optimization architecture that’s ideally suited for emerging transactional NAS workloads (e.g., VMware over NFS, Microsoft Hyper-V with SMB 3.0, and Oracle over NFS).



**Easier management** improves productivity in virtual server environments with deeply integrated VMware and Microsoft virtual server management plug-ins and Unisphere Management Suite enhancements.

**Greater efficiency** and mobility reduce costs with a flash-optimized architecture, fully automated storage tiering, cost-effective MLC flash, and Virtual Data Movers for fast online file migrations.

**Better protection** reduces risks with a new active/active controller architecture and virtual machine and application aware snapshots.

### Why This Matters

It was harder and took longer than expected, but EMC has taken a giant leap forward with a multicore optimized architecture that turbo charges the performance and scalability of the VNX family. It can not only be used to reduce costs and meet the performance requirements of transactional NAS workloads in virtual server and database environments today, but it is also a great foundation for adding more intelligence and value in the future. While we’re waiting for the results of ESG Lab validation testing, here’s a quick look at what EMC customers that have been testing the new VNX family have to say about why this matters to the business:

“The new VNX unleashes the power of flash to increase our application performance by 4x compared to our current all flash array provider!”  
- Senior Manager, Systems Engineering, \$4.9B Financial Services Company

“Storage monitoring and reporting used to require a skilled storage administrator, but the management console of the new VNX now makes it simple.” - Associate VP of Technology Services, \$3B Real Estate Investment Trust Company