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TOP TEN REASONS WHY CUSTOMERS DEPLOY DELL VMAX ALL FLASH

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Accelerate your journey to the Modern Data Center with VMAX All Flash, architected for mission-critical and designed with the latest all-flash technology. What are the top ten reasons Dell customers deploy VMAX All Flash? Keep reading!

1 | Extreme Performance

We're fast, really fast. In fact, VMAX All Flash arrays with the latest 3D NAND flash technology and FlashBoost deliver up to 6.7 million IOPS and 150 GB per second for those demanding OLTP, decision support, and virtualized applications.

2 | Amazing application response times

Let's face it, the best application response time always wins. VMAX All Flash is architected to process all IOs through blazing fast cache memory, ensuring 350-microsecond response times for your applications.

3 | Optimal storage efficiency

Efficiency is our middle name. Not only can customers achieve 2:1 reduction with the latest inline compression technology, but when adding high-efficiency snaps and zero-space reclaim, you will see up to 4:1 storage efficiency—now guaranteed by Dell. This capability dramatically reduces the cost per GB and data center footprint. Best of all, inline hardware compression comes with all VMAX All Flash arrays.

4 | Mission-critical availability

When it comes to mission-critical availability, no one does it better than VMAX All Flash. Whether it is proven active-active data center replication, non-disruptive hardware and software upgrades, or the highly resilient no single-points-of-failure architecture, VMAX All Flash delivers 6 nines of availability for mission-critical applications. Avoid unplanned downtime all together with VMAX!

5 | Unmatched data services

VMAX All Flash isn't just an enterprise storage array, it's a lot more. Its built-in storage hypervisor enables trusted data services such as embedded management and embedded NAS file services. Add to that TimeFinder SnapVX snapshots, SRDF active- active remote replication, and data at rest encryption, all protected by VMAX mission-critical availability. With just two simple software packages to choose from, the F and FX Package, the entire platform is managed by Unisphere, with its easy-to-use, wizard-driven intuitive user

6 | Massive consolidation

VMAX All Flash consolidates up to 4 PBe of block, file, open systems, mainframe, and IBM i capacity onto a single platform. This lowers the overall cost of ownership by reducing the physical footprint, power and cooling requirements, and operating expenses. And with up to 64,000 devices, VMAX All Flash arrays have plenty of headroom for replicas, snapshots, and unexpected bursts in storage growth.

7 | Data Domain data protection

Combining the gold standard of primary storage (Dell VMAX) with that of data protection (Dell Data Domain) gives you the best of both worlds. Dell ProtectPoint with direct Data Domain backups of VMAX eliminates the need for traditional backup applications while providing the benefits of native full backups. ProtectPoint provides non-intrusive data protection of VMAX workloads while performing backups 20 times faster and lowering infrastructure costs up to 38 percent.

8 | Really easy non-disruptive migrations

We get it. You need a reliable way to move from previous VMAX arrays to a blazing-fast VMAX All Flash array. But it has to be really easy and can't disrupt your operation. With just three steps, Dell's built-in non-disruptive migration (NDM) allows customers to migrate applications and data at the right time and at the right place.

9 | Unparalleled security

VMAX All Flash offers incredible security features that keep your data protected for life. To start, data at rest encryption secures every drive and delivers integration with external key managers—enabling customers to simplify security through a centralized key management platform. SnapVX secure snaps prevent accidental or malicious deletion of your snapshots, protecting them until they reach their specified retention period. Lastly, VMAX All Flash customers can leverage RecoverPoint heterogeneous replication across Dell arrays, providing more flexible disaster recovery in your data center. You can trust that your data is secure with VMAX All Flash.

10| Enterprise storage leadership

You don't get to be the undisputed leader in all-flash storage without doing a lot of things really well. Our all-flash arrays are the fastest and most reliable in the market. Trust your mission-critical data with the leader.

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