



FLASHSTACK

Converged Infrastructure

Consolidate all database workloads on a simple, scalable, all-flash platform

THE CHALLENGE: DATA CENTER COMPLEXITY

The deployment of data center infrastructure can be complex, time consuming, and costly. IT departments are increasingly looking to converged infrastructure and integrated architectures to alleviate these problems and to help standardize and consolidate workloads.

Unfortunately, existing converged infrastructure solutions are based on old, slow, inefficient disk storage or on unreliable and expensive flash systems. The resulting architectures are too expensive, perform poorly, or have significant downtime windows – making them unsuitable for the consolidation of business-critical applications and workloads.

THE SOLUTION: FLASHSTACK CONVERGED INFRASTRUCTURE

FlashStack is a flexible, all-flash converged infrastructure solution that brings the flash revolution to your data center, faster. It combines the latest in compute, network, storage hardware and virtualization software, into a single, integrated architecture that speeds time to deployment, lowers overall IT costs and reduces deployment risk. Highly efficient components reduce the costs associated with power, cooling and data center space. Based on 100% flash storage, FlashStack provides the performance and reliability business-critical applications demand.

FlashStack is available from accredited FlashStack Partners who help provide an excellent converged infrastructure ownership experience. FlashStack Partners have the knowledge and experience necessary to help streamline the sizing, procurement, and delivery of your entire system.



Mindsight is a technology consulting firm that provides thoughtfully-crafted and thoroughly-vetted perspectives to its Chicago area clients' toughest technology challenges. Mindsight's recommendations come from its experienced and talented team, and are based on a solid understanding of its clients' unique business and technology challenges. Mindsight believes in being transparent and candid, which means more productive interactions and less pretense. When you need a different point of view, you can count on Mindsight.

Contact Us:
www.gomindsight.com/contact-us/

HIGH PERFORMANCE & SCALABLE

Faster response times

- Consistent sub-millisecond latency with 100% flash storage
- Consolidate 100s of enterprise-class applications in a single rack
- Scale easily, without disruption
- Repeatable growth through multiple FlashStack deployments

OPERATIONAL SIMPLICITY

Accelerate time-to value

- Fully tested, validated, and documented for rapid deployment
- Reduced management complexity
- Auto-aligned 512b architecture eliminates storage alignment headaches
- No storage tuning or tiers necessary

ENTERPRISE-GRADE

Dependable for all applications

- Highly available architecture and redundant components
- Non-disruptive operations
- Upgrade and expand without downtime or performance loss
- Native data protection: snapshots and replication

ECONOMICAL

Lower TCO

- Dramatic savings in power, cooling and space with 100% Flash.
- Industry leading data reduction
- Free FlashArray controller upgrades every three years with Forever Flash™



Improve desktop performance and user experience while saving data center space and power. Scale from hundreds to thousands of desktops and provide productivity users with consistent performance and persistent, custom workspaces.

Benefits

- Supports even high-performance knowledge worker and engineering desktop profiles at large scale
- Consistent <1ms latency for a “better than physical desktop” end user experience
- Highly scalable – grow from 100s to 1000s of desktops in a single rack



FlashStack for Oracle is designed to get your most important applications up and running, faster. It’s designed around a highly available and scalable Oracle RAC architecture, powered by 100% flash. Architected for consolidation, it enables you to mix transactional and analytic workloads while simplifying test/dev workflows with powerful database cloning.

Benefits

- Drives down the cost of infrastructure
- Dramatically improves Oracle performance
- Deliver greater agility for Oracle DBAs
- Validated with OLTP and Data Warehouse workloads



Perfect for Microsoft SQL deployments that require high performance that is easy to deploy, scalable and highly available. The FlashStack for Microsoft SQL Server solution helps IT departments build simple, repeatable SQL infrastructure that provides predictable performance and lower total costs.

Benefits

- Rapid, simple deployment and reduced infrastructure costs
- Faster reports and queries
- Reliable performance without downtime/outages
- DR capabilities with AlwaysOn Availability Groups and native storage-based replication



Perfect for mission critical applications and databases. Architecture and sizing based on “real world” mixed workloads with realistic compute and storage profiles. Supplies the resilience and non-disruptive operations to keep key workloads online, even through upgrades and expansion.

Benefits

- Consolidate 100s of enterprise-class VMs in a single rack
- Suitable for even large resource-intensive workloads such as real-time analytics or heavy transactional databases
- Mix production, analytics, dev/test, and backup workloads



SAP deployments need resilient storage that supplies both speed and agility. FlashStack for SAP helps you speed transactions and analytics in your SAP environment. FlashStack also dramatically accelerates SAP System Copy and can reduce the amount of time spent on deployment and maintenance tasks by 50%. With FlashStack for SAP you can bring the acceleration of flash right into the core of your business.

Benefits

- 4:1 average data reduction makes all-flash performance affordable
- Significantly accelerate SAP copy and refresh procedures
- Simplify storage deployments and remove performance bottlenecks
- Validated with SAP ERP



Virtualize mobile workspaces and applications with ease and performance with Pure Storage and Citrix XenDesktop. Scale with ease from pilot to full production deployment, up to thousands of simultaneous desktops.

Benefits

- Up to 7500 productivity desktop VMs in a single rack
- High quality user experience with consistent performance and low latency
- Highly scalable, from 100 to thousands of desktops
- Achieve 99.999% availability with highly available architecture



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