



PURE STORAGE FLASHSTACK for Microsoft SQL Server

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

THE CHALLENGE

Microsoft SQL Server has become a strong platform to run mission critical applications using high-performance, in-memory technology across OLTP, data warehousing, business intelligence and analytics. Your pain points continue to be in infrastructure provisioning, availability, performance and reliability for SQL Server. You are also struggling for the budget to get high performance compute, networking and storage needed to host SQL Server instances.

THE SOLUTION: PURE STORAGE FLASHSTACK FOR MICROSOFT SQL SERVER

It is time to make IT infrastructure work for you. There is no need to cut corners and fit your Microsoft SQL Server needs within the boundaries dictated by sub-optimal infrastructure components. Now is the time for FlashStack for Microsoft SQL Server!

Pure Storage FlashStack is a flexible, all-flash converged infrastructure solution that brings the flash revolution to Microsoft SQL Server. It combines best-in-class compute and networking components from Cisco with Pure Storage all-flash storage in an integrated architecture that speeds time to deployment, lowers costs and reduces deployment risks. Based on 100% all-flash storage, FlashStack provides the performance and reliability your business applications demand.

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SCALE COMPUTE AND STORAGE ON-DEMAND

FlashStack is designed from the ground up with the capability to scale capacity and performance independently. Compute (nodes and/or virtual machines) can be allocated and retired on demand. Storage layer can be expanded/upgraded non-disruptively without any impact to performance. Consolidate and scale 100s of SQL Server instances without compromising availability.

LET APPLICATIONS PERFORM TO PERFECTION

Unleash SQL Server from limitations imposed by mechanical components. This all-flash converged infrastructure is not bound by the limits of spinning disks. Consolidate OLTP, data warehousing, business intelligence and analytics workloads on the same array, and applications will continue to outperform traditional disk based counterparts.

DRIVE SIMPLICITY AND AGILITY

A fully tested and validated reference architecture for Microsoft SQL Server on FlashStack ensures rapid deployment. Pure Storage FlashReduce eliminates burdensome capacity planning overhead. No storage tier planning or tuning required. Data at-rest encryption eliminates the risk of data breach from media theft. Pure Storage FlashRecover snapshots and replication may be used along with SQL Server AlwaysOn for business continuity and disaster recovery planning.

SIMPLIFIED DEPLOYMENT AND SUPPORT FOR EVERYTHING END TO END

Customized and personalized ownership experience delivered exclusively by FlashStack Partners. FlashStack partners provide guidance, services, and experience necessary to deploy FlashStack quickly and with confidence. FlashStack Authorized Support Partners provide single point of contact for end-to-end support on entire FlashStack solution.

LOWER INFRASTRUCTURE COSTS

Lower TCO with dramatic savings in power, cooling, management and space with an all-flash modular solution. Data reduction starting at 3:1 and even more when deploying availability groups. Avoid expensive and disruptive forklift upgrades with our Evergreen™ Storage business model. Space-efficient snapshots serve all copy-data needs.