PURE STORAGE
FLASHSTACK
for Citrix XenDesktop

Simple, rapid deployment of 100% flash infrastructure for desktop virtualization

THE CHALLENGE

Slow or erratic virtual desktops can bring productivity to a halt and result in angry users and soaring costs. At the root of most failed Virtual Desktop Infrastructure (VDI) deployments is slow, complex infrastructure that lacks the power and scale to keep up with production VDI deployments. For a successful desktop virtualization environment, solving the infrastructure problem is critical.

Yet the deployment of virtual desktop 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 desktop workloads. Unfortunately, existing converged infrastructure solutions are based on old, slow, inefficient disk storage or on non-optimized hybrid storage systems – making them unsuitable for workloads like VDI that demand an always-on, high-performance foundation.

THE SOLUTION: PURE STORAGE FLASHSTACK FOR CITRIX

FlashStack is an efficient, all-flash converged infrastructure foundation for Citrix XenDesktop that speeds time to deployment, lowers costs and reduces deployment risks. Combining best-in-class compute and networking components from the Cisco UCS platform along with Pure Storage all-flash storage, FlashStack accelerates application delivery, drives higher productivity from staff and systems, and creates a sustainable advantage for your business. Make your organization faster, more profitable, and smarter: unleash the power of real-time analytics and create new, innovative customer experiences that simply weren't possible with disk.

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HIGH PERFORMANCE

FlashStack for Citrix XenDesktop allows you to virtualize mobile workspaces and applications easily. Achieve consistent sub-millisecond latency, eliminating performance bottlenecks and keeping users productive, even as you use FlashStack's abundant power to consolidate and accelerate other critical workloads.

SCALE WITHOUT IMPACT

Get linear, non-disruptive scalability for Citrix XenDesktop environments. FlashStack maintains sub-ms latency while desktop numbers scale from hundreds to thousands – even with resource-intensive productivity desktops – and offers the flexibility to expand capacity and performance independently: Compute (nodes and/or virtual machines) can be allocated and retired on demand and the Storage layer can be expanded/upgraded as needed, without any impact on VDI performance.

ENTERPRISE GRADE

Keep vital desktops online with > 99.999% uptime. FlashStack offers higly-available architecture, redundant components, and Pure1 support to keep desktops up and running. Take advantage of seamless upgrades and capacity expansion in server, network, and storage components. Protect your data with storage-native Snapshots and Replication, as well as data-at-rest encryption, at no additional cost.

A CITRIX PARTNER

FlashStack is Citrix Ready VDI Capacity Program Phase II Validated. Fully tested and documented, FlashStack offers rapid deployment and supports a range of tools to simplify operations. Manage your VDI infrastructure as a unit from VMware vCenter while you simplify storage operations with the Purity Operating Environment. No storage tuning or tiers necessary.

LOWER INFRASTRUCTURE COSTS

Realize lower TCO via dramatic savings in power, cooling, management and space with an all-flash modular solution. Data reduction is often greater than 10:1 with VDI – meaning an overall lower cost per desktop than disk. (Both stateless and persistent desktops reduce to the same space on the FlashArray.) And with our Evergreen™ Storage business model, you'll free yourself from expensive and disruptive forklift upgrades for good!

PURESTORAGE®
Hello Possible™

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