Simple, Fast Deployment of 100% Flash Infrastructure for Citrix Virtual Apps and Desktops

**Large Scale Virtual Desktops and Apps**

Many organizations look to virtual apps and desktops to improve productivity, security, and control—but large scale deployments can be challenging. While some infrastructure is limited in reliability and ability to scale, FlashStack™ from Cisco and Pure Storage offers an easy-to-manage approach to Citrix XenDesktop and XenApp deployments.

**FlashStack from Cisco and Pure Storage**

FlashStack includes industry-leading components: Cisco UCS, Cisco Nexus, and the Pure Storage FlashArray. FlashStack for Citrix XenDesktop is pre-tested and validated as part of a Cisco Validated Design (CVD) and has been proven to provide exceptional VDI performance at scale.

**Highlights**

- Average write latency dropped from 4.24 ms to 0.63 ms, with maximum write latency slashed by 96%, from 25 ms to 1.05 ms
- Average read latency went from 3.24 ms to 0.42 ms, a drop of 87%, with maximum latency plunging 91%, from 16 ms to 1.47 ms
- **Economical**
  - Lower total cost of per desktop with >10:1 data reduction
- **Enterprise-Grade**
  - Keep vital desktops online with >99.9999% storage uptime
- **Operational Simplicity and Speed**
  - Manage VDI infrastructure as a unit with Citrix XenCenter
- **High Performance and Scalable**
  - Deploy thousands of desktops in minutes on a single FlashStack
- **FlashStack for XenDesktop data sheet**
  - More info on Pure Storage FlashStack Converged Infrastructure for Citrix XenDesktop

**Value for Customers**

Customers can quickly deploy Citrix virtual apps and desktops, scale performance with user demand, and keep costs low through a repeatable, reliable converged infrastructure approach to VDI.

Cisco Validated Design

FlashStack includes industry-leading components: Cisco UCS, Cisco Nexus, and the Pure Storage FlashArray.

FlashStack for Citrix XenDesktop is pre-tested and validated as part of a Cisco Validated Design (CVD) and has been proven to provide exceptional VDI performance at scale.

Customer Success Story

Many organizations look to virtual apps and desktops to improve productivity, security, and control—but large scale deployments can be challenging. FlashStack™ from Cisco and Pure Storage offers an easy-to-manage approach to Citrix XenDesktop and XenApp deployments.

**End-user experience benefits:**

- Reduced data center floor space from 72U of legacy storage and consolidated it to 6U with Pure Storage
- Power and cooling costs have declined 40% and will continue to decline as consolidation efforts continue
- Average write latency dropped from 4.24 ms to 0.63 ms, with maximum write latency slashed by 96%, from 25 ms to 1.05 ms
- Average read latency went from 3.24 ms to 0.42 ms, a drop of 87%, with maximum latency plunging 91%, from 16 ms to 1.47 ms

**Benefits:**

- Reduced data center floor space from 72U of legacy storage and consolidated it to 6U with Pure Storage
- Power and cooling costs have declined 40% and will continue to decline as consolidation efforts continue
- Average write latency dropped from 4.24 ms to 0.63 ms, with maximum write latency slashed by 96%, from 25 ms to 1.05 ms
- Average read latency went from 3.24 ms to 0.42 ms, a drop of 87%, with maximum latency plunging 91%, from 16 ms to 1.47 ms

More info on Pure Storage FlashStack Converged Infrastructure for Citrix XenDesktop

FlashStack for XenDesktop data sheet

FlashStack for XenDesktop data sheet
