

## Citrix XenDesktop and XenApp VDI

Businesses are increasingly turning to desktop virtualization as they are forced to re-evaluate how they manage end-point devices, secure data, and enable workplace mobility, but struggle to deliver the storage performance expected by end users. Traditional storage architectures and other flash storage systems simply can't provide a comprehensive VDI solution. Inconsistent performance disappoints users, costs escalate as VDI deployments grow, and sizing and maintaining a VDI environment is challenging.

### The Nimble Storage Solution

The Nimble Storage Predictive Flash platform with Citrix XenDesktop and XenApp delivers a VDI experience that delights your end users, while accelerating ROI for VDI deployments. A unified flash fabric, together with predictive analytics, enables businesses to deploy a single platform that includes both all-flash arrays and adaptive flash arrays for a tailored VDI fit. Deliver absolute performance, scale without disruption, and simplify operations.

### Deploy Flash Performance Tailored to Your Business

Handling VDI IOPS requires the storage to handle "bursty" IOPS (from boot storms, patching and anti-virus scans), read IOPS AND write IOPS very well. In steady state, the majority of IOPS are usually write IOPS.

NimbleOS delivers on both write and read VDI performance with either flash or disk. In an all-flash array, NimbleOS delivers fast read and write performance from flash. In an adaptive flash array, NimbleOS delivers fast read performance from flash, and is unconstrained by disk writes because all data is written to disk in large sequential stripes.

### Get Massive Capacity Savings

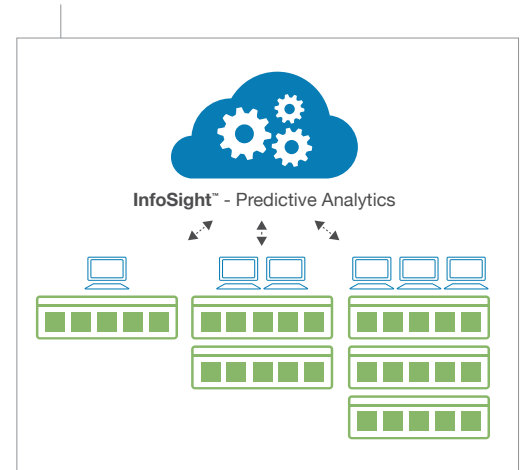
Nimble Storage arrays offer massive capacity savings for VDI that can result in 10x space savings or more. This allows you to deploy persistent and non-persistent desktops that match the needs of your business, without worrying about ballooning capacity. Data reduction capabilities include

- Content-aware deduplication to ensure that data is efficiently deduplicated between VDI specific blocks
- Variable block compression to extend data reduction beyond just deduplication
- Zero pattern elimination to reduce the space consumption of zero strings
- Zero copy clones that can be leveraged to clone base VDI images without any added capacity use

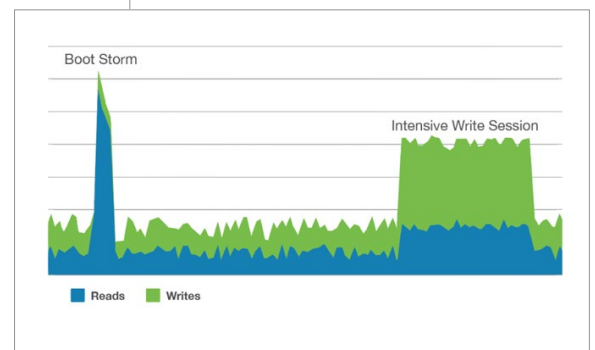
### Scale Seamlessly without the Guesswork

Nimble Storage arrays let you scale capacity and performance non-disruptively within an array, or scale-out with up to 4 arrays managed as one. You can start small with VDI deployment for hundreds of users, with the confidence to scale your deployment to thousands of users as business needs grow.

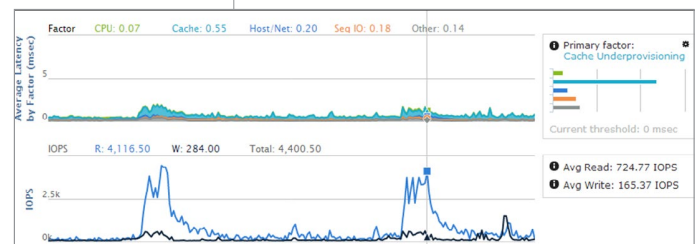
And InfoSight Predictive Analytics helps you monitor your entire VDI environment at a click of a button, from any web browser. You can be sure that whether you need performance or capacity, you're adding exactly what you need without wasting resources on what you don't.



Nimble Storage Predictive Flash platform delivers absolute performance, scaling without disruption, and simplifying operations.



Boot storms demand faster reads; steady state and maintenance operations call for rapid writes. Nimble delivers both.



With InfoSight Predictive Analytics, you can monitor your entire VDI environment at a click of a button.

## Simplify Management, Operations, and Disaster Recovery

Nimble's Unified Flash Fabric lets you cluster both all-flash arrays and adaptive flash arrays, and manage them as one. With Nimble's Unified Flash Fabric, you can choose All Flash for absolute performance, or Adaptive Flash to cost-effectively deliver high performance. You can even move VDI desktops between all-flash and adaptive flash to meet changing performance needs. In fact, Nimble's Unified Flash Fabric is so versatile, that you don't need to deploy a separate storage silo just for VDI – now you can deploy VDI alongside business applications on the same storage platform without compromising performance and cost.

Nimble arrays also help you leverage VDI for business continuity. By replicating to an adaptive flash array at a disaster recovery sight, you can cost-effectively maintain a business continuity solution for your workforce at one third of the cost of competitive solutions.



## Accelerate Deployments with SmartStack

SmartStack™ for VDI provides a turn-key integrated infrastructure solution to deploy VDI. These solutions are built on best-of-breed components, and are validated by Citrix, Cisco, and Nimble Storage so you can confidently and rapidly deploy VDI without risk. Whether you need complete virtual desktops or hosted shared desktops, SmartStack provides the speed, scale, and simplicity your business needs.

## Get Started

Nimble Storage is the ideal storage platform for your VDI deployment. It delivers flash performance that scan scale seamlessly, data analytics with predictive alerting through InfoSight, and simplified management of your entire storage infrastructure through a unified flash fabric.

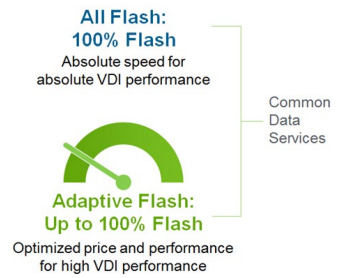
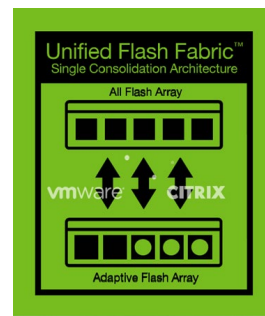
Discover the power and simplicity of Nimble Storage for your Citrix XenDesktop or XenApp deployment:

### Website:

[www.nimblestorage.com](http://www.nimblestorage.com)

### Demo or quote:

Email [sales@nimblestorage.com](mailto:sales@nimblestorage.com)



**“Easier management and better TCO are always great, but the most important benefit is that we are able to give our remote users better application performance with the Nimble arrays”**

Large Oil & Gas Company

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