High-Performance VDI Storage

nimblestorage

It's easy to underestimate the requirements for VDI storage. Missteps now can lead to expensive problems later.

1. Use all-flash storage for absolute VDI performance.
Get high throughput at sub-millisecond latencies for by intelligently using flash to adapt to the '"bursty"' nature of VDI I/O.

2. Use adaptive flash storage for fast VDI performance to save further on costs, when absolute performance isn't necessary.
Make sure that you can manage your all-flash and adaptive flash storage as one.

3. Limit costs by efficiently managing storage resources. Store more virtual desktops, as well as application and end-user data,
in a smaller storage footprint with inline deduplication, universal compression, and other efficiency features.

4. Independently scale performance and/or and capacity to meet VDI growing demands.
As VDI's storage demands grow, non-disruptively add capacity, throughput, and IOPS minus disruption.

5. Protect virtual desktops instantly, and recover data in only minutes.
Use high-performance and space-efficient snapshots for instant data protection, and near-instant data recovery.

6. Make disaster recovery faster and more affordable.
Instead of an all-flash array at the disaster recovery site, replicate data efficiently to a lower cost adaptive flash array to enable business continuity in the event of a disaster.

7. Use pre-validated designs reference architectures to speed VDI deployment, mitigate risk, and cut costs.
Leverage pre-validated VDI solutions designed by industry leaders like VMware, Citrix, and Cisco to speed deployment, reduce risks, and cut costs.

8. Get peak performance and greater efficiency throughout the storage lifecycle.
Use real-time data analytics tools for better control over storage resources. Leverage Big Data insights to plan storage upgrades.

9. Keep VDI up and running through software, performance, and capacity upgrades.
Minimize — and even eliminate — downtime with non-disruptive upgrades, and highly available controllers.

10. Eliminate storage silos.
Deploy a single storage systems that will adapt to VDI's varying performance and capacity needs, as well those of other applications.