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Top 5 Reasons to Deploy IntelliStack for VDI

Deploying IT infrastructure components piecemeal is time-consuming, expensive and introduces complexity and risk. IntelliStack solutions enable you to confidently deploy the best solution stack for your virtual-desktop environment. Using proven, best-in-class technologies from Tegile and Cisco, IntelliStack solutions combine compute, fabric, storage, and virtualization into a single architecture. All of the components are pre-validated and optimized to work together seamlessly, creating a complete solution that includes everything you need to quickly, easily, and affordably deploy a flash-based IT infrastructure.



1

Eliminate the Guesswork

VDI deployments can be daunting. There are lots of software, storage, and server components, and you may not have specialized IT staff or time to deal with the complexity. IntelliStack solutions have been pre-integrated, pre-configured, pre-tested so you can simplify your deployment and eliminate risk. They also include a detailed reference architecture to help you get the most out of your investment.

2

Get Consistently High Performance

Users expect response times in a VDI environment to be on par or better than dedicated desktop and laptop computers. The Cisco UCS systems provide a high-performance, low-latency network and compute platform. Tegile storage is architected to deliver high I/O throughput and IOPS for virtualized environments. The joint IntelliStack solution gives you the performance you need to deliver a virtual-desktop experience that matches or exceeds user expectations.

3

Spend Less Per Virtual Desktop

IntelliStack solutions leverage Tegile Intelligent Flash Storage Arrays, which are engineered for storage efficiency. Make the most out of your storage capacity with thin provisioning. Shrink the storage footprint of your VDI environment by up to 90% with inline compression and deduplication. Hundreds or thousands of virtual desktops can be shrunk down to one single boot image.

4

Save on Power, Cooling & Rack Space

The IntelliStack solutions have been designed to achieve the highest density possible. The high compute, memory and network capacity provided by Cisco UCS enables you to run a higher number of virtual desktops in a very compact footprint with fewer physical components. The reduced number of components enabled by Cisco UCS and the efficient use of storage provided by Tegile arrays enable you to save operating costs.

5

IntelliStack Solutions Are Built For Virtualization

Tegile storage comes VMware Ready for End User Computing and takes advantage of VAAI to minimize I/O on the storage network and hypervisor host. Tegile also includes a vCenter plug-in, enabling you to provision datastores, manage snapshots and restores, monitor I/O status, space usage and latency from within vCenter.

What's more, you have the flexibility to deploy VMs using both VMFS (iSCSI and FC) and NFS datastores—whichever meets your needs and preferences.

