

Top 10 Reasons to Deploy Tintri Smart Storage for Virtualization and Private Cloud

1. Simple deployment

Packaged as a hardware appliance, Tintri VMstore™ goes from box to rack and running VMs in a matter of minutes. There is no complicated configuration: assign an IP address, connect your virtualization management tools and begin migrating or deploying VMs.

2. Intuitive administration

Tintri VMstore is built on an application-aware storage architecture and allows administrators to increase productivity by directly working with vDisks and VMs. There is no RAID, LUN or volume configuration required with Tintri.

3. QoS with no manual tuning

Tintri VMstore has the intelligence to automatically deliver the quality of service applications need without any manual tuning or policy management. Your applications receive the best performance right out of the box, even with mixed server, desktop and cloud workloads.

4. Industry-best VM density

With its unique FlashFirst™ design, a single Tintri VMstore supports up to 2,000 virtual machines with high performance and consistent sub-millisecond latency. This results in the industry's best VM storage density and lowest cost per virtual workload.

5. Performance for all workloads

Tintri VMstore eliminates the “noisy neighbor” problem seen with other storage with transparent VM-level performance allocation. Tintri gives each VM its own IO “lane” so your virtualization or private cloud environment gets application-optimized performance without complex policies or manual tuning, regardless of workload.

Tintri is smart storage that sees, learns and adapts for virtualization and cloud.

Designed from the ground up for virtualization using an application-aware storage architecture, Tintri VMstore delivers the unparalleled performance and efficiency IT organizations need to virtualize more and build the foundation for a private cloud.

6. Protect VMs painlessly

Tintri VMstore enables you to take or schedule instant, space-efficient native snapshots of individual VMs. These per-VM snapshots can be efficiently replicated over the WAN with ReplicateVM™ (licensed separately). This means easy, automated data protection and higher service levels for individual VMs without having to replicate whole LUNs or volumes as with traditional storage.

7. Make cloning VMs a breeze

Tintri VMstore can instantly provision high-performing and space-efficient clones of individual VMs. Per-VM- cloning along with features such as auto-alignment and performance isolation makes VDI and virtualized dev/test a simple, risk-free reality.

8. Identify bottlenecks instantly

Tintri VMstore monitors every I/O request at a vDisk and VM. Administrators can use Tintri VMstore to instantly visualize where potential performance issues exist, whether on the storage, host or network. When is the last time your storage helped you troubleshoot a network issue?

9. Plug & play scalability

With Tintri, scaling to support thousands of VMs is easy and cost-effective—just add more VMstores. With Tintri Global Center™ (licensed separately), you can monitor and manage up to 32 VMstores and up to 64,000 virtual machines from a single interactive web console, making scaling storage for virtualization and private cloud simple and efficient.

10. Foundation for private cloud

Tintri smart storage is the perfect solution for the challenges of private cloud. Adding automation and self service to your virtualization environment, or re-architecting applications for the cloud increases both the number of VMs and the rate of change in your environment. Can your current storage handle many more virtual machines and a much higher rate of change while maintaining performance, QoS and manageability? Tintri smart storage can.

