

Tintri VMstore Storage Platform

The only VM-aware flash storage platform purpose-built for the virtual enterprise

Tintri VMstore™ is the first and only VM-aware storage platform designed exclusively for the IO and data-management challenges driven by virtual machines (VMs). Traditional shared-storage solutions require complex configuration, specialised knowledge and are cost-prohibitive to deploy in virtual environments. With Tintri VMstore, administrators get simple, fast storage without the management burden associated with LUNs, tiers or volumes. Tintri VMstore appliances run the Tintri OS, a file system specifically designed to accelerate virtualisation, delivering VM-level and vDisk-level management and metrics. The Tintri OS intelligently and cost-effectively leverages multilevel cell (MLC) flash storage to provide unparalleled performance for thousands of VMs.



The Tintri VMstore T540 supports up to 1,000 VMs

Tintri VMstore does for storage what virtualisation has done for servers.

Simple

- ✓ VM and vDisk-level management, with per-VM operations like such as cloning and snapshots, which dramatically simplify day-to-day operations.
- ✓ Simple to configure with out-of-the-box integration with vCenter. A single VMstore appliance can connect to with up to 16 vCenter servers.
- ✓ Installation and configuration takes minutes. A phone-home system automates and simplifies the support experience.

Intelligent

- ✓ A VM-aware file system with inline deduplication, compression and working-set analysis delivers assured performance and data integrity.
- ✓ Instant VM bottleneck visualisation makes it easy to identify and fix VM performance issues anywhere in the infrastructure.
- ✓ QoS provides IO control for each VM with automatic allocation of flash to individual vDisks.

Fast

- ✓ Flash-level performance at disk prices delivers cost-effective performance for every VM.
- ✓ Intelligent performance management delivers up to 75,000 IOPS at consistent sub-millisecond latency for every VM on the system.
- ✓ Provision hundreds of VMs with vCenter-integrated cloning in just minutes.

	VMstore T445	VMstore T540
Tintri OS	Version 1.4	
Usable capacity	8.5 TB	13.5 TB
Number of VMs supported	Up to 650	Up to 1,000
Number of snapshots	Up to 128 per VM and 128,000 per VMstore	
Solid state drives	9 x 160 GB MLC with RAID6	8 x 300 GB MLC with RAID6
Hard disk drives	15 x 1 TB with RAID6	8 x 3 TB with RAID6
Controllers	Single controller	Dual controller
Network connectivity	NFS over dual 10 GbE (data) Dual 1 GbE (management)	NFS over 2x dual 10 GbE (data) 2x Dual 1 GbE (management)
Management	Web interface (HTTPS) KVM for console access SFTP for software upgrades SMTP for alerts	
Support	Automated phone home support and case creation	
Customer Service	Enterprise-level global service	
Hypervisor support	VMware vSphere™ 4.x and 5.x via NFS	



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