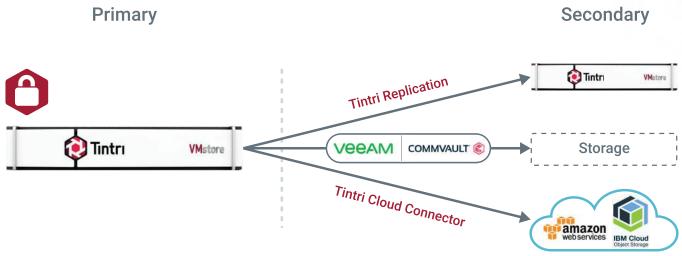


# Tintri VMstore<sup>™</sup> for Data Protection and Disaster Recovery

Experience Different! If you're thinking about your organization's data protection (DP) and disaster recovery (DR) strategy, you've got a lot on your mind. You need to integrate with existing solutions without creating another silo or requiring an overhaul. Plus, you want rich features to minimize recovery time and point objectives (RTPO) for your mission-critical applications without breaking the bank.

Tintri offers a fully integrated DP and DR solution, without limiting your field of view to just secondary storage or sacrificing flexibility and features. Our Intelligent Infrastructure enables organizations to maintain seamless operation by deploying Tintri VMstore for both primary and secondary storage, or by integrating VMstore with existing solutions (such as Veeam and Commvault) and public cloud. Tintri VMstore's S3 Connector protects VMstore snapshots-to-cloud object storage such as Amazon S3 and on-premises object storage including IBM Cloud Object Storage (formerly known as CleverSafe).



# **Tintri VMstore Delivers Efficiency and Economy**

- Snapshots and clones at the virtual machine level for the highest space savings, flexibility, and speed of operation
- Protection of individual VMs (instead of entire LUNs) to reduce WAN usage by 95% or more
- DP/DR space savings of 10x or more with inline deduplication and compression and VMstore's proprietary replication protocol

Architecture	Hybrid Flash Series			All-Flash Series (expandable)			
Model	T885	T850	T820	T5080	T5060	T5040	
Effective Capacity for Primary (TB)	120	66	23	69/139/308	35/69/154	17/35/77	
Data Protected as DP/ DR target (TB) <sup>+</sup>	610	340	118	138/278/616	70/138/308	34/70/154	

<sup>+</sup> Assumes minimum policy of eight hourly snapshots, seven daily snapshots, and four weekly snapshots. All snapshots are logically represented as full recoveries.

# Tintri VMstore Can Be Managed by IT Generalists

- No DP/DR expertise is required to set policies and manage failover
- · VMstore's simplicity and performance enable a new level of speed for DP/DR use cases
- · Zero RPO and near-zero RTO (as low as thirty seconds or less) for planned and manual failovers with a single click
- · Workflows simplified further with automation via VMstore PowerShell Toolkit, vRO plugin and RESTful APIs

# Immediate Responsiveness and Visibility into Root Cause

- Only Tintri VMstore can show you what's happening with individual VMs or groups of VMs
- · Visualize latency-spanning host, network and storage-across both primary and secondary storage for all protection use cases
- Protect VMs with quality of service (QoS), snapshots, clones, and real-time and historical statistics, all at the VM level



VMstore

	a manager	hot sch	edule					Use system :	Sefeult
✓ Daily	11:30pm	on	Everyday	Keep	2	7	days	VM-consistent	
Weekly	11:45pm	on	Sat	Keep	21	21	days	VM-consistent	1.
Monthly	12:00am	00	1st	Keep	64	64	days	VM-consistent	
Protect by r	2		hots 🗹					there available to	
	eplicatin	g snaps TBBD	hots 🗹		1				
	2	T880	hots 🗹		minut	10			
	2	T880	hot and replic		minut	10			
	plicate to:	TBBD Snaps 24 hours	hot and replic	ate every	minut	in i			

#### DP/DR Solution Is Comprised of Tintri VMstore and the VMstore Software

- Space-efficient snapshots that take only seconds to create storing only changed data blocks, with no performance impact
- Default snapshot schedules can protect every VM automatically; custom schedules allow users to meet specific data protection needs
- Restore at the VM, vDisk, or file level with a single click
- VMstore can provide protection for a set of virtualized applications or an entire data center
- Test your DP/DR strategy early and often with local clones and replica snapshots at the secondary site without impacting production

### **Flexible Protection Options**

- Recovery point objectives (RPO) of one minute, fifteen minutes, or other desired levels can be set per-VM
- Individual VMs can be replicated one-to-one, or across multiple sites to a single remote DR location (many-to-one), or from one source to up to four locations (one-to-many)
- Replication flexibility allows multiple redundant copies for DR and DP
- With Synchronous Replication, VMstore achieves Zero RPO and nearzero recovery time objectives (RTO) with manual or planned failover

#### **Conformation to the Highest Security Standards and Regulatory Requirements**

- Encryption of data at rest with AES-256-bit encryption for real-time data protection with no impact on application performance
- Integration with Gemalto's Safenet KeySecure via the key management interoperability protocol (KMIP) so you can cryptographically lock your arrays

Restore files of VMs		×		
Restore files from a sn	apshot			
Restore type:	◯ VM ⊙ Guest OS File			
Snapshot to restore from:	Fri Mar 25 11:30PM daily scheduled VM-consistent			
	Auto detach disks in 48 hours			
	Advanced options			
	Restore	ancel		
	·			

Experience Different! For more information on how Tintri VMstore can turbo-charge your business success through a simple, Intelligent Infrastructure, visit tintri.com/vmstore.



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