

Add Value to Your VMstore Investment with Advanced Infrastructure Intelligence and Operations

Experience Different! Enterprises increasingly look to modern data center architectures for highly scalable and automated services to be delivered on-demand. They want cloud-like benefits such as resource pooling, rapid scaling, automation, and self-service, but without relinquishing the superior security, control, and flexibility of on-premises environments for the organization's important applications.

Tintri VMstore puts public cloud agility in your on-premises data center with Intelligent Infrastructure that combines all-flash storage systems, web services, and cloud management software. VMstore software leverages a highly differentiated architecture that offers a level of abstraction (virtual machines and containers) and a set of APIs that deliver value beyond what is possible with standard infrastructure.

VMstore Software Suite

VMstore software helps organizations realize the full potential of intelligent infrastructure, beginning with the Tintri OS and Tintri Global Center Standard (TGC), which are included with all VMstore systems.

The VMstore Software Suite adds advanced capabilities for value-add use cases ranging from DevOps to disaster recovery. The suite includes TGC Advanced (featuring VM Scale-out software), ReplicateVM, SyncVM, SecureVM and Tintri Cloud Connector.

Tintri Global Center Advanced: Delivering VM Scale-out

TGC Standard is an integrated, intelligent data and system management product that helps administrators manage, automate and optimize their infrastructures. The standard version simplifies capacity planning, improves resource visualization and utilization, reduces bottlenecks beyond storage systems, and streamlines policy management and enforcement. Enterprises can collect, display, and act on real-time analytics from over 480,000 virtual machines across multiple data center locations.

TGC Advanced adds VM Scale-out, which aggregates VMstore systems into resource pools and intelligently optimizes the location of every application across those pools. The software leverages artificial intelligence and machine learning capabilities that factor in application performance requirements and migration costs when optimizing your VMstore footprint.

ReplicateVM: Replication for Data Protection and Disaster Recovery

ReplicateVM enables VM-level asynchronous replication as well as synchronous replication for VMstore systems. Asynchronous replication provides recovery point objectives (RPO) as low as 1 minute. Synchronous replication provides a zero RPO (zero data loss) for mission-critical applications. ReplicateVM supports flexible multi-site DR options: one-to-one, many-to-one, and one-to-many replication configurations on a per-VM basis. It enables you to replicate only the intended VMs and eliminates wasted storage capacity by not replicating "hitchhiker VMs" associated with legacy LUN/volume

architectures. VM-level replication combined with data compression and deduplication also enables ReplicateVM to reduce WAN bandwidth by up to 10x. In addition, each VM can have its own unique replication policy, and customers can also set standard policies for VMs that are preserved even when they migrate between VMstore systems.

SyncVM: Copy Data Management

SyncVM provides fast, flexible, and storage-efficient VM snapshots. Storage administration teams can recover point-in-time snapshots of individual VMs and rapidly restore files based on those snapshots. Application development teams can leverage multiple child-clones of applications from a master application image, reducing the time required to set up new application environments.

SyncVM offers advanced snapshot management for copy data management, enabling flexible point-in-time application recovery, file-level restores, and child application clones (from a master application snapshot) for dev/test and DevOps use cases.

SecureVM: Encryption of Data-at-Rest

SecureVM offers built-in encryption for data-at-rest. It supports manual key rotation and integrates with third party enterprise key management systems to secure an entire lost or stolen VMstore system cryptographically. SecureVM assures that data on physical drives is unrecoverable if access to a key or physical drive is compromised, thereby protecting the enterprise from a wide range of threats.

VMstore Cloud Connector

VMstore Cloud Connector extends your data protection and disaster recovery strategy with secure cloud connectivity for long-term data retention and fast recovery. You can send local snapshots from VMstore systems to the public cloud for backup and archiving and, conversely, restore them on your VMstore systems in minutes to recover mission critical on-premises applications. VMstore Cloud Connector takes advantage of the VMstore architecture, which abstracts storage at the VM and container level, enabling the fastest recovery times with maximum flexibility.

Experience Different! To learn more about how VMstore software suite can turbocharge your business success through a simplified, intelligent infrastructure, visit tintri.com/vmstore. Or better yet, contact your Tintri representative or infrastructure partner and request a demo of the VMstore Software Suite.