

Experience Different! You've embraced virtualization, and now you need storage to help you fully realize your data center IT and cloud vision. Tintri VMstore is the storage standard for virtualized enterprises and cloud—built from the ground up to let you manage what matters to your business: applications.

Conventional storage was built on decades-old architecture, when workloads were physical and LUNs ruled. Today, those relics cost IT professionals both time and money. Choose Tintri VMstore to get performance, manageability, and value of VM-aware storage.

The VMstore Management Pack for vRealize Operations (vROps) provides VM-level storage statistics, trending, and insight that makes managing and troubleshooting performance issues in virtualized environments and private cloud deployments a breeze in vROps console itself. VMstore supports vCloud Operations (vCOPs) 5.8 as well as vROPs 6.0 and 6.1.

Insightful Monitoring at a VM or Application Level

Tintri VMstore simplifies performance bottleneck troubleshooting by providing instant visibility from the host, network, and storage. Customers can manage VMstores directly or connect to Tintri Global Center to more easily manage multiple VMstores.

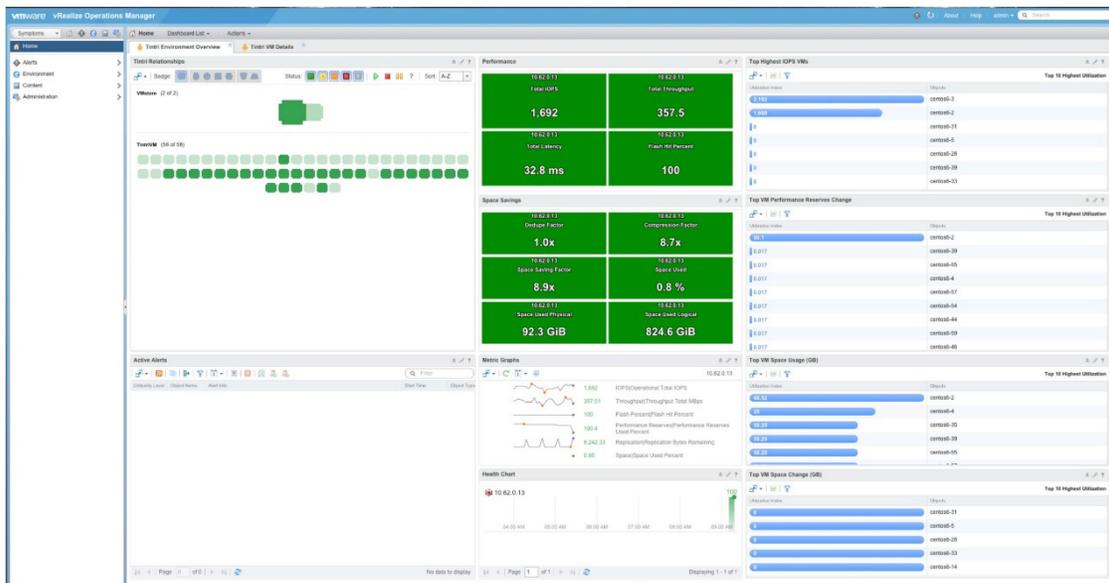


Figure 1. View entire VMstore information (including latency)

Tintri VMstore enables operators to quickly verify whether applications and VMs are protected according to SLAs for recovery point objectives. With per-VM level illustration of snapshot metrics, operations teams can quickly verify whether applications are over/under protected.

VMstore exposes replication information to vRealize Operations Suite (vROps) administrators which allows them to validate that both VM and application data are efficiently replicated to an alternate VMstore. VMstore replication helps deliver per-VM WAN-efficient replication, reducing storage and network consumption by minimizing redundant data movement.

Predictive Storage Monitoring

Tintri VMstore integration with vROps delivers performance, capacity, and trending metrics of VMstore into a common cloud management platform enabling operations teams to work more productively with both applications and infrastructure teams. The VMstore vROps management pack provides two monitoring dashboards for overall environment overview and VM details. Easy-to-consume storage information for cloud operations teams with one-to-one mapping of storage to individual VMs and pre-configured dashboards help identify VMs with the most changes in performance or capacity utilization. Performance metrics such as performance reserves, available capacity, and IOPS can be easily viewed.

Tintri VMstore leverages the vROps badges which allows operations teams to set up flags on insights such as latency, throughput, performance reserve, storage details such as capacity and VM count, and hardware details such as error messages and failed components.

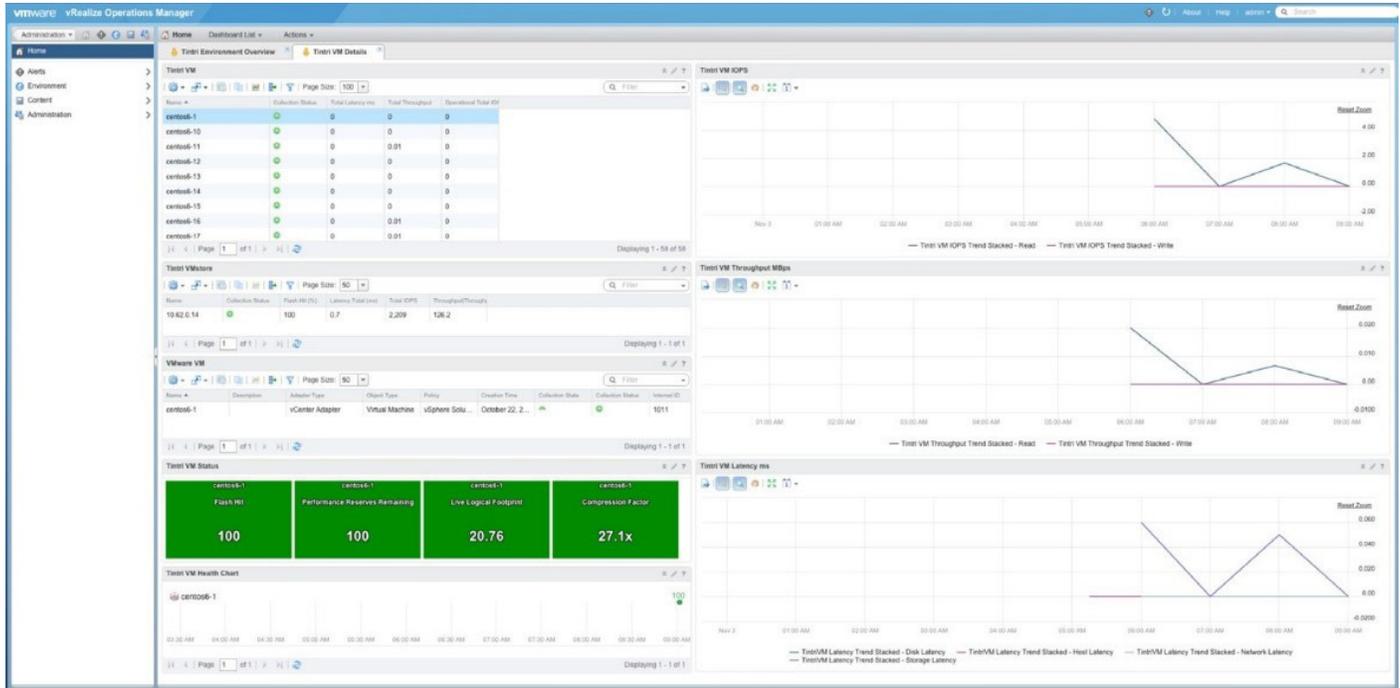


Figure 2. Quickly understand performance and storage details at a VM level

With vROPs, the user can set up alerts on VM activity. VMstore already comes prepopulated with ten custom alerts and users can develop their own alerts too, in addition to the alerts available in VMstores and TGC. These alerts make it easy for you to understand which VMs are consuming the most storage and I/O resources because it maps storage directly to individual VMs, regardless of where the VM lives. VMstore visibility and vRealize trending combined enable you to alert application, storage, or network teams of unusual activity with concrete information that lets them take action quickly.

Simple to Install and Manage

- Just like VMstore, the vROps Management Pack can be installed and managed in minutes by any administrator who has credential access to a VMstore appliance.
- Operations teams can view summary VMstore characteristics such as VMstore OS version, serial number, IP address, model number, up-time, and top changes.
- There are ten default alerts. The customer can customize additional alerts as needed.
- Manage multiple VMstores by connecting to them individually or through TGC.

“We really like the fact that it only has two tabs (instead of a multitude without getting any real distinctive information) and the fact that you can create reports with vRealize to see what is going on in there. It even shows VMDK’s used by Appvolumes.”

Lucien Haak, Maastricht University

Experience Different! To learn more about how Tintri VMstore for vSphere Integrated Containers 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 VMstore for vSphere Integrated Containers.