Tintri Global Center™

Tintri Global Center is an intelligent, unified control center that enables you to view and take action across all your VMstore infrastructure.

Experience Different!

A different management experience for the modern data center. To realize cloud-like agility in your private data center, you must be able to operate at scale—and that means tight management of storage for thousands of individual applications. Tintri Global Center makes it easy to scale-out and manage up to 64 VMstore systems and 480,000 virtual machines from a single pane of glass. Intelligent infrastructure and automation speeds processes and optimizes the placement of every application across your footprint.

Tintri Global Center

Tintri Global Center software serves as an intelligent, unified control center that enables multiple VMstore systems to seamlessly function as one enterprise environment. Start your intelligent infrastructure with a single VMstore system and grow into a massive, yet spaceefficient footprint—with complete visibility across data stores and geographies. You can see the aggregate capacity, throughput and latency of your entire infrastructure, and then quickly drill into those same metrics for an individual VMstore system and even individual applications. End-to-end visibility enables you to troubleshoot latency across host, network and storage.

To simplify management of hundreds or thousands of virtual machines and containers, Tintri Global Center enables you to assign similar applications to policy-based Service Groups. You can then apply policies at this level of granularity, setting quality of service (QoS) or data protection parameters for a Service Group. As applications are added to a group, they automatically adopt that group's policies. And policies remain attached to applications even as you move them between groups. That way, policies remain intact when you scale from tens to hundreds or thousands of applications.

Tintri Global Center Advanced

Tintri Global Center Advanced introduces additional capabilities to simplify storage scale-out. VM Scale-out technology within Tintri Global Center Advanced ensures that you make the best use of your storage footprint. It treats all of your VMstore systems as a single, federated pool of resources, and automatically identifies the optimal placement for every application.

VM Scale-out's intelligent recommendations are based on actual data about your applications' behavior. The technology analyzes more than one million statistics every ten seconds. It reviews 30 days of activity, including peak data points – not just averages – for more accurate analysis. VM Scale-out recommends actions that will optimize the placement of applications across your storage pool. A sophisticated algorithm recommends application placement based on cost, capacity and performance; it even considers snapshots, clones, thin provisioning and storage activity to ensure it moves the least amount of data in the shortest amount of time possible. You can drill into details and even see the expected outcomes. Simply click on "Execute" to apply the recommendations.

VM Scale-out also leverages system-offloading for live application migration (VAAI for VMware vSphere and Remote ODX for Hyper-V). The process of migrating running applications to optimize storage pools is completely offloaded to the VMstore systems, and is up to 10x faster than with other platforms. VM Scale-out reduces the time for even the largest migrations from hours to minutes, eliminating load on compute hosts and saving up to 95% of the bandwidth required to migrate applications between systems. All you have to do is click on "Execute" and VM Scale-out does the rest. That's how Tintri Global Center Advanced makes it possible to scale out from terabytes to Petabytes, enabling an intelligent infrastructure using the same infrastructure team you have today.
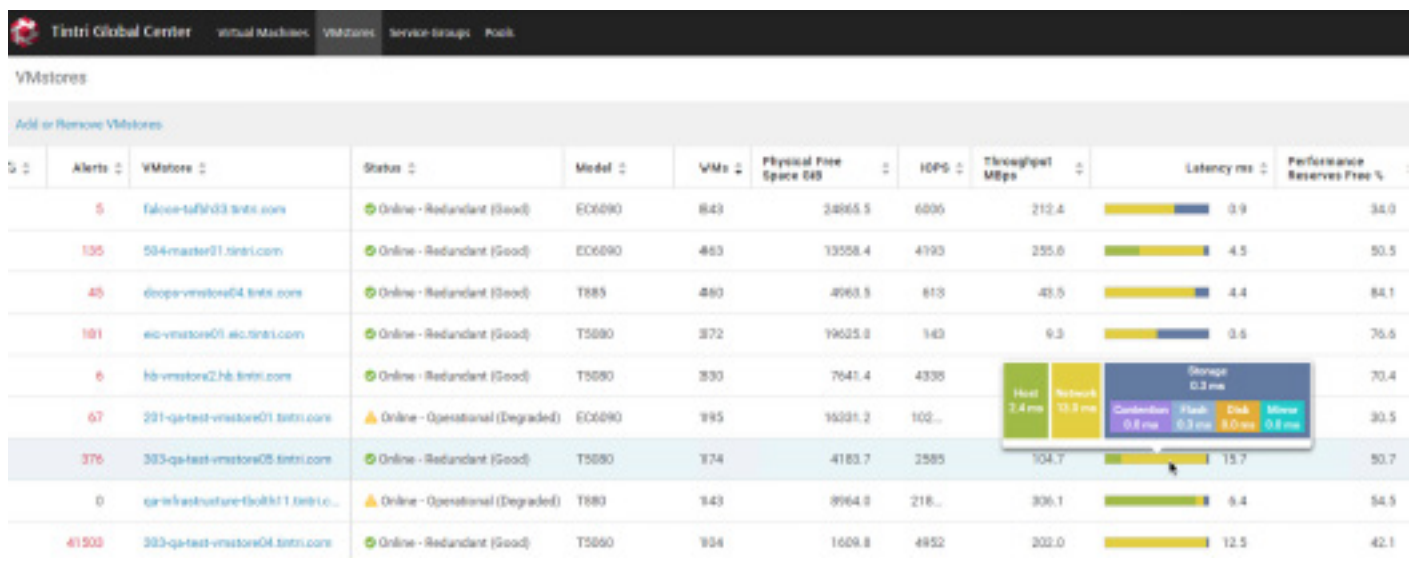

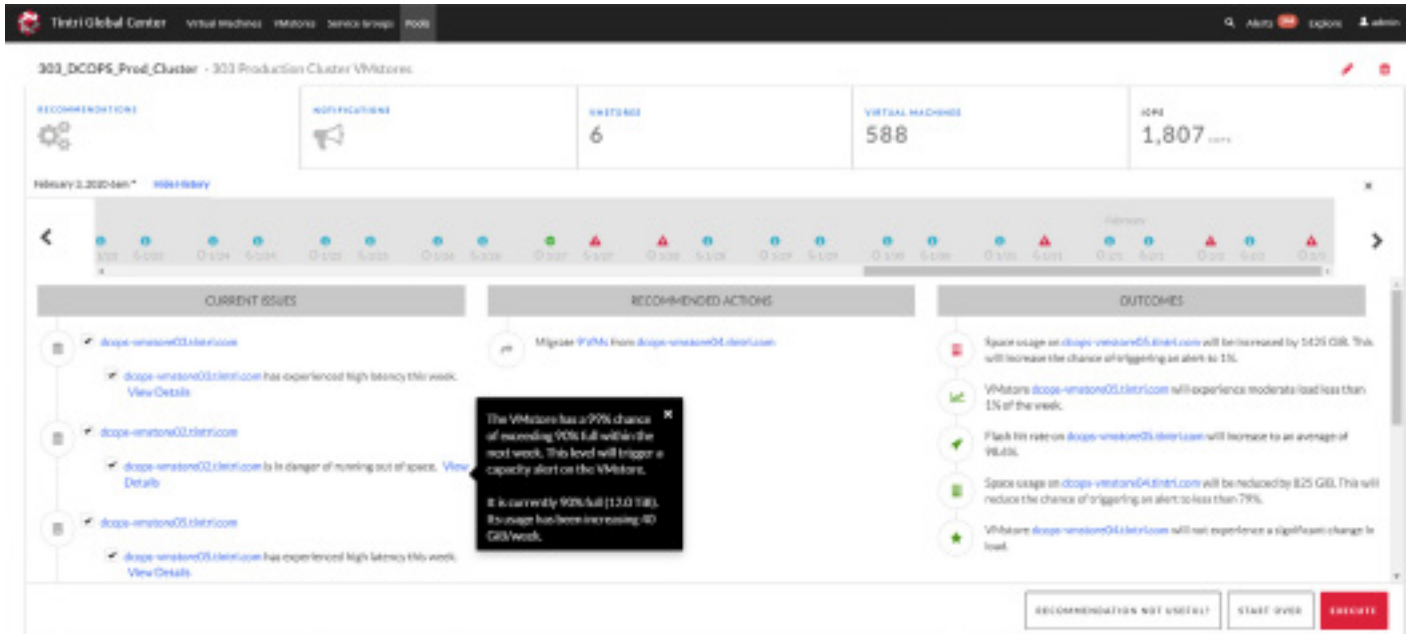Figure 1 – Tintri Global Center enables you to view and take action across your entire infrastructure.

Figure 2 – VM Scale-out recommendations optimize application placement across your storage pool.

For more information about VMstore VM Scale-out technology, please check out our VMstore VM Scale-out datasheet.

Experience Different! To learn more about how Tintri Global Center and VMstore 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 Tintri Global Center.