Deploy and Scale Hyperconvergence Your Way

Storage provisioning, performance, and capacity planning are a constant struggle for IT managers who have virtualized many of their applications but still use traditional storage arrays. IT teams want to eliminate storage management and focus on the virtual machines (VMs), but this isn't possible with traditional storage arrays.

Appliance-based hyperconvergence solutions solve the management and complexity challenges of traditional storage, but are just as expensive. Why? Because you have to repurchase the software license when you refresh the hardware, and the only way to add capacity is to add a node.

> " We run a pretty tight ship in our engineering department. I don't want to have onsite storage engineers at every location. Because Maxta is so maintenance-free, I don't have to double or triple or quadruple my staff. If you calculate that cost over years, I'm saving a ton of money."
>
> – Larry Chapman,
> IT Manager at TruSource Labs

Maxta Hyperconvergence Software reduces capital and operating costs by up to 70% and frees IT from the refresh and upgrade cycles of traditional storage. It collapses servers, storage and networking into a single server tier and gives IT the freedom to choose both the hardware and hypervisor they use. Unlike hardware-based hyperconvergence, with Maxta there's no vendor lock-in, no "refresh tax" and no "upgrade tax."

With Maxta, you can deploy hyperconvergence your way and make infrastructure transparent to the applications and users.

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Hardware and Virtualization Independent

Maxta is software-only hyperconvergence, so you have a choice of hardware and hypervisors. Maxta supports VMware vSphere and Red Hat Enterprise Virtualization platforms, and works with most major server vendors, including Cisco, Dell-EMC, HP Enterprise, Huawei, Lenovo, Super Micro, and more.

Maxta gives you a clear advantage over costly and complex traditional storage arrays that lock you in to their platform. Hyperconverged solutions promise to solve all of this, but most still lock you in to a hypervisor, a hardware platform or both. Maxta gives you the freedom to choose.

No Refresh or Upgrade Tax

Maxta lets you refresh hardware without rebuying software, and makes it easy to scale up by adding capacity within nodes or scale out by adding converged compute and storage nodes.

Storage array and hyperconverged appliance vendors charge a "refresh tax" by forcing you to rebuy software when you refresh hardware, and don't let you scale up within nodes.

Optimized for Mixed Workloads

Maxta is an application-centric platform. It optimizes performance and availability on a per VM and per vDisk basis, so you can reduce costs by running mixed workloads on the same cluster without affecting application performance.

Traditional storage can only create and manage storage objects, such as LUNs or volumes. Software-defined storage and even many hyperconverged solutions can only manage performance and availability resources at the cluster level, forcing you to silo applications on their own clusters.

Maxta Hyperconvergence Architecture
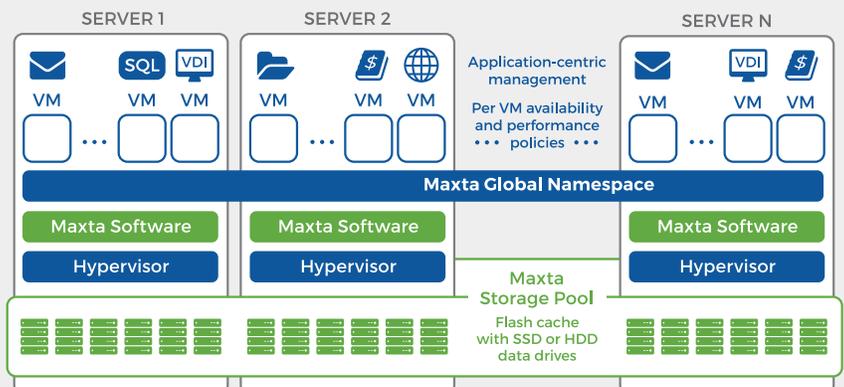
Platform Agnostic Architecture

FEATURE	BENEFIT
Hardware and Hypervisor Independent	Avoid hardware and hypervisor vendor lock-in, and reduce software costs with the flexibility to run multiple hypervisors on a single platform.
Support for Multiple Enterprise Hypervisors	Flexibility to run multiple hypervisors on a single platform, reducing software licensing and hardware costs.
Runs on Standard x86 Server Brands	Use the hardware you have today, mix and match hardware within a cluster, upgrade to new systems or change vendors without a forklift upgrade.
Single Point of Support for Hardware & Hypervisors	"One call solves it all" support resolution. Leverage your existing support model and eliminate finger pointing between vendors.

Application-Centric Management

FEATURE	BENEFIT
VM Defined Performance Policies	Easily consolidate mixed workloads on the same cluster and improve performance by 25%.
VM Defined Availability Policies	Control fault tolerance and availability levels on a per VM basis, and reduce hardware requirements by defining availability resources per application.
Single UI for VM and Data Management	Manage storage and data resources directly from the hypervisor without the need for a separate storage console.

Optimize Performance and Capacity

FEATURE	BENEFIT
Scale Compute & Storage Separately	Manage infrastructure growth and cost more effectively with the ability to add capacity to existing servers instead of adding complete appliances, or add compute-only nodes.
Capacity Optimization	Significantly reduce the storage footprint for virtual environments without impacting performance.
Zero-Copy Clones	Admins can instantly create space-efficient, performance-neutral copies of virtual machines for VDI, as well as test and development environments.

Data Resiliency

FEATURE	BENEFIT
Data Availability and Integrity	Automatically protect against outages, data loss and performance degradation when drives, nodes, networks, racks or even sites fail. Can tolerate up to two node failures in a cluster.
Zero-Copy Snapshots	Quickly create or restore snapshots without any additional storage overhead or any performance degradation.
Application Consistent Snapshots	Capture in-flight transactions and restore application to consistent state with no data loss.
Snapshot Policy Engine	Easily set application-defined policies for data retention on a per VM or a group of VMs basis.