DATACORE

Storage for VMware

vSphere-certified Data Services Expand Choice of Hardware, Enhance Storage Capabilities, and Reduce Costs

BENEFITS

- **More than triple the storage hardware choices** beyond the few available from the HCL

- **Tailor data service levels** to match workload needs

- **Enable Storage Policy Based Management** across diverse collection of hardware

- **Modernize storage infrastructure** without disruption

- **Enhance data services** including better business resilience and improved capacity utilization

vmware READY | **SANsymphony**

As a **VMware Ready** certified solution, SANsymphony lowers infrastructure complexity, enhances data services, widens choice of storage equipment, and makes IT operations efficient. Contact DataCore to learn how SANsymphony's hardware-independent data services can benefit your VMware environment.

The wide range of workloads sharing your vSphere environment calls for very different types of storage: high-performance premium devices for some and high capacity/low cost for others. Their level of data protection and durability can also vary widely. Unfortunately, the models and suppliers available to you, or those that offer the best value, may not be on VMware's hardware compatibility lists (HCL).

Even when confining your selections to the HCLs, mixing storage to match service levels can lead to hardware incompatibilities, errors from inconsistent device-specific processes, and conflicting behaviors. The time, effort, and resources wasted troubleshooting these problems only raise the frustration.

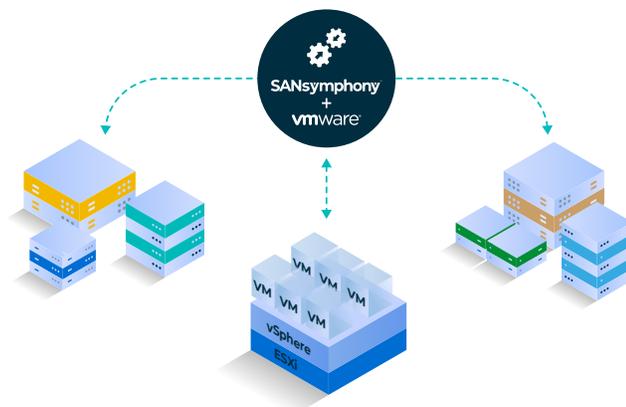### VMware and DataCore: Keeping Your IT Operations Ticking Like Clockwork

DataCore SANsymphony software provides universal hardware-agnostic coordination and centralized control of mutually incompatible storage devices for vSphere clusters. Its certified vVols, VASA, and VAAI integrations significantly expand the types and suppliers of storage devices you can choose from.

The layered solution effectively extends HCL compatibility and vVols Storage Policy Based Management (SPBM) to devices of your choosing outside of the HCLs. As importantly, it offloads several resource-intensive tasks to storage including remote replication and site recovery. SANsymphony's rich set of data services for VMware improves your operational efficiency and productivity.
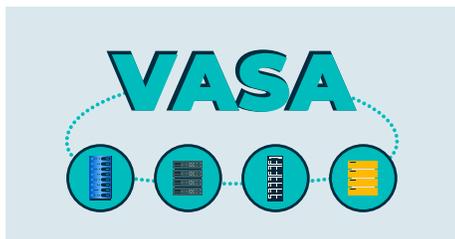
Acting as hardware-agnostic storage controller, SANsymphony frees you from VMware's HCL constraints. Even the deployment model can be easily changed from a traditional external SAN design to hyperconverged storage and vice versa during normal business operations. Leverage this flexibility to modernize your storage and gain the negotiating clout on your next hardware purchase. Uniform and high-end data services ensure smooth operations of your applications and seamless integration with vSphere.

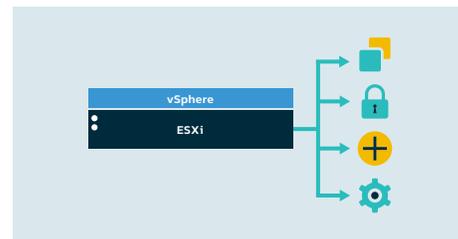# Five Ways You Derive More Value from Storage for Your VMware Environment

Hardware-independent VASA Provider for Simplified vVol Provisioning

- Enables Storage Policy Based Management across diverse storage equipment
- Simplifies provisioning of virtual volumes (vVols) to VMs
- A single virtual datastore can span different physical arrays
- No dependency on storage hardware being listed on VMware VASA HCL

Advanced Storage Replication for Site Recovery

- Enables storage-based asynchronous replication fully integrated with VMware Site Recovery Manager (SRM)
- Relieves ESXi hosts from data replication tasks
- Supports planned migration, disaster recovery (DR), and testing/auditing of DR plans
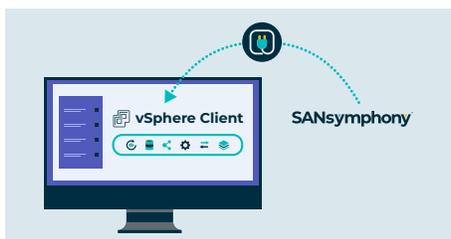- Benefit from remote replication between unlike storage equipment

Offload Storage Tasks from ESXi with Hardware-agnostic VAAI Integration

- Enables ESXi hosts to easily offload storage operations
- Leverage the full performance of the ESXi hosts to run your applications
- Coordinate with vSphere/ESXi using VMware VAAI commands
- No dependency on storage hardware to be listed on VMware VAAI HCL

vCenter Integration to Manage ESXi Storage on SANsymphony Console

- Native integration with vCenter to allow storage assignment to ESXi hosts and VMs from the SANsymphony management console
- Automate discovery and addition of vCenters from within SANsymphony

Control SANsymphony from vCenter Plug-in

- Enables easy management of SANsymphony functions directly from vSphere Web Client
- Create and manage virtual disks, take snapshots, and coordinate workflows between vSphere and SANsymphony

> " The great thing about DataCore is that they keep their product on VMware's approved HCL. So even if you have a SAN (backend storage) that falls off the HCL with VMware, because it's virtualized storage behind DataCore, you're covered. If you put the storage behind DataCore then you won't have to worry about VMware's HCL any longer. "

Damon Dawson
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Discover the Ultimate Flexibility of DataCore Software

DataCore Software delivers the industry's most flexible, intelligent, and powerful software-defined storage solutions for block, file, and object storage, helping more than 10,000 customers worldwide modernize how they store, protect, and access data. With a comprehensive product suite, intellectual property portfolio, and unrivaled experience in storage virtualization and advanced data services, DataCore is The Authority on Software-Defined Storage. **www.datacore.com**

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