

StarWind® Virtual SAN™ for vSphere

Minimum Hardware!

KEY POINTS:

✓ Minimalistic Hardware

Footprint – Reduced CapEx and OpEx.

StarWind® Virtual SAN™ for vSphere runs just two commodity servers and existing networking equipment, lowering both purchase and service expenditures.

✓ Simplicity.

Using StarWind® Virtual SAN™ for vSphere means less hardware to manage. Additionally, being a native Windows application, StarWind doesn't require any special skills or knowledge from the IT specialist.

✓ Agility and Performance.

With all the benefits and savings, StarWind® Virtual SAN™ for vSphere has High Performance and Fault-Tolerance uncompromised.

StarWind® Virtual SAN™ requires no proprietary hardware and will run on a minimal base of two commodity servers.

StarWind® Virtual SAN™ is a native Windows application, usable by any administrator without additional training.

StarWind® Virtual SAN™ - 100% less hardware

StarWind cuts down the expenses StarWind® Virtual SAN™ for vSphere, reducing both – CapEx and OpEx. The minimalistic hardware footprint approach means two basic advantages over traditional SAN solutions:

- CapEx is lowered, simply because there's less hardware to buy. StarWind® Virtual SAN™ requires only two commodity servers to set up and run, instead of tons of expensive proprietary hardware. COTS cabling and other networking equipment is enough as well. In most cases, StarWind® Virtual SAN™ will run on your existing system, requiring zero extra costs.
- OpEx is reduced, because there's less hardware to service and maintain. Commodity servers require a small investment in service, which will improve your ROI in a big way. With COTS hardware, there is a very little overhead required in maintaining the product. That being said, the need to spend money, and invest time in training your IT staff is greatly reduced.

TECHNICAL SUPPORT

The qualified StarWind support team is always ready to assist!

CONTACT:

www.starwindsoftware.com/support

* Commercial licenses of StarWind Virtual SAN include one year of FREE standard technical support.

Test drive of StarWind® Virtual SAN™ is available!

Download a 30-day free trial of StarWind Virtual SAN:

www.starwindsoftware.com



Genial Simplicity

The fewer components a system has, the fewer problems it may run into. StarWind adopts the same principle, saying “less hardware – less trouble”. StarWind® Virtual SAN™ for vSphere requires no proprietary hardware, meaning easier management than any traditional solution would offer. Any Windows administrator can run and maintain two COTS servers with a simple native Windows application. In this case, less IS more.

Performance and High Availability uncompromised

High-performance multi-tier caching

StarWind® Virtual SAN™ raises performance using multi-level RAM and inexpensive MLC SSD flash caching. The distributed nature of StarWind’s write-back caching guarantees that if a host fails, a VM will use replicated data from the other host to start a VM from a “hot” cache state, eliminating any drops in performance.

High Availability

StarWind offers a wide range of replication methods to ensure data security and business continuity. Literally nothing can drop a system with two- or three-way synchronous replication and asynchronous replication with a remote disaster recovery site.

Space reduction

In-line deduplication and thin provisioning with space reclaim enable automatic allocation of free space in accordance with current needs and save only unique data to the storage. Elimination of identical writes increases the life of expensive flash devices.

Log-structured file system (LSFS)

The LSFS architecture replaces multiple small random writes with one big sequential write, and therefore ensures high throughput and reduced latency within the cluster. It distributes VM workloads evenly and eliminates the I/O blender effect.