StarWind

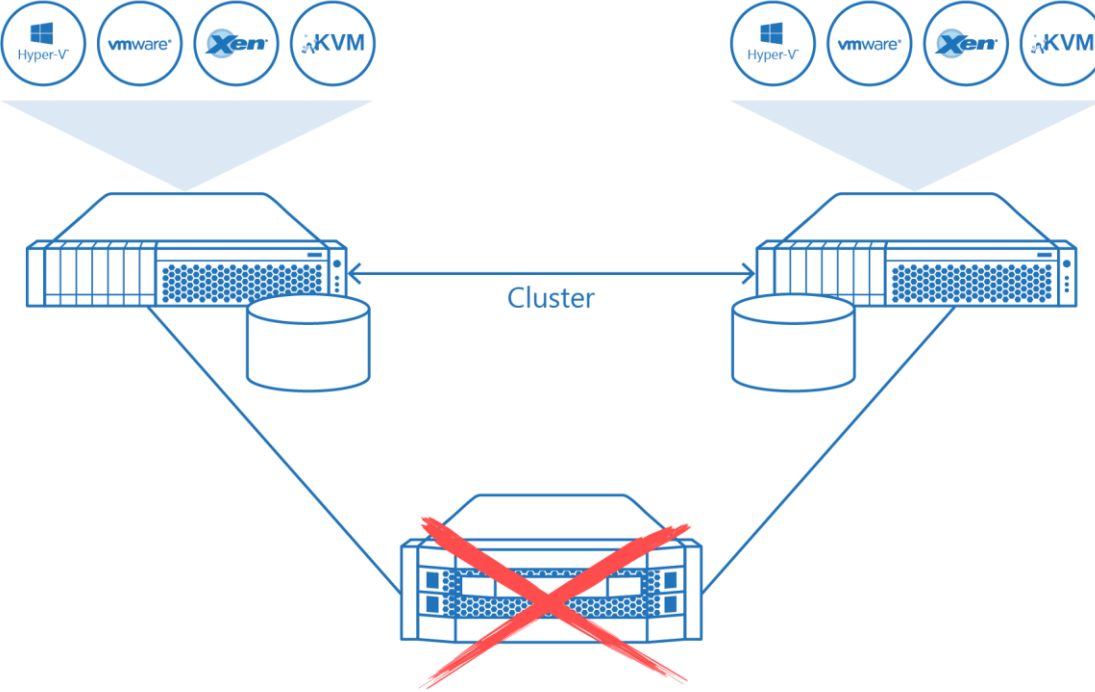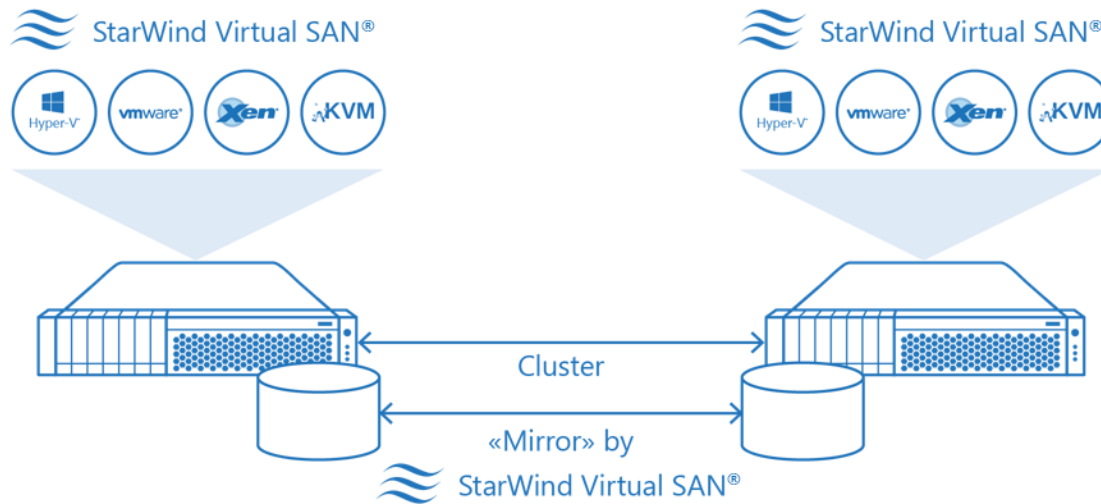# StarWind Virtual SAN®

For

- **SMB** (more small than middle),

- **ROBO** (Enterprises ROBO with a lot of locations),

- **Cloud and Hosting providers,**

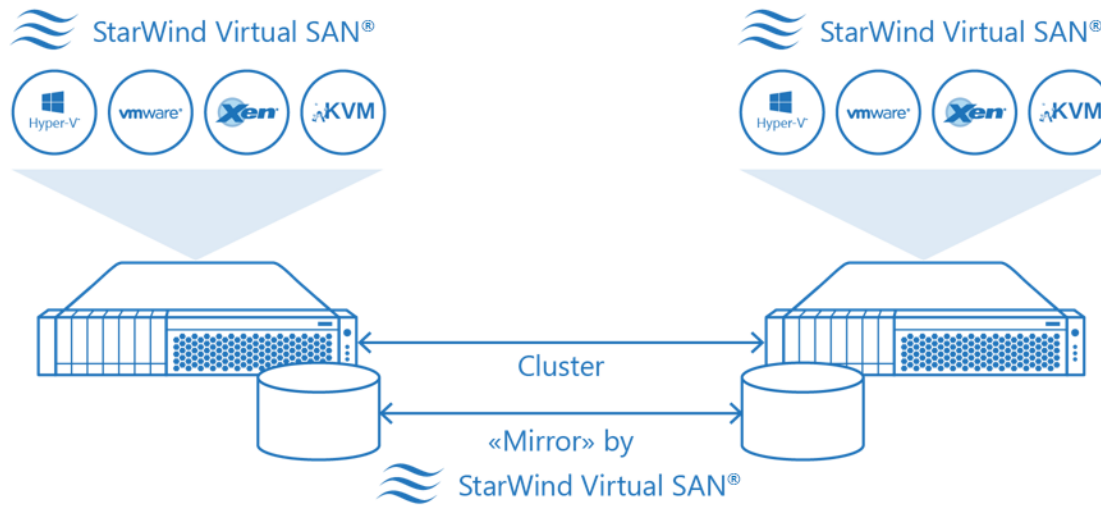who look to **cut down virtualization expenses** (CapEx and OpEx) and **optimize ROI.**

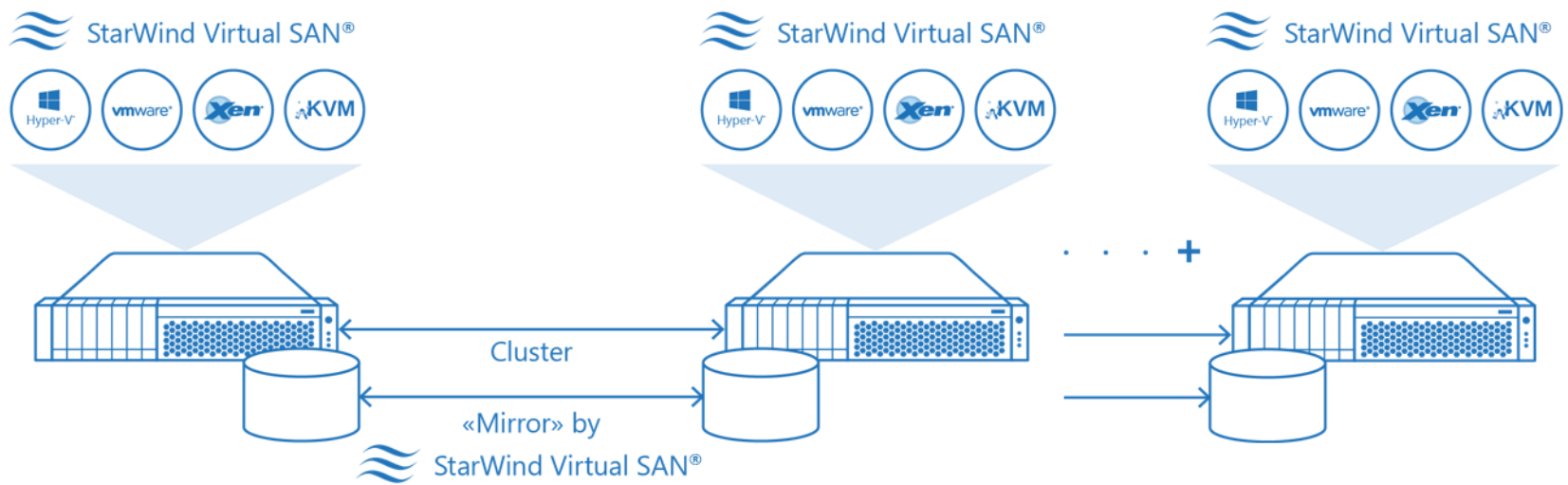Our product is a software which **eliminates any need in physical shared storage**...

...by basically "mirroring" internal hard disks and flash between servers.

StarWind Virtual SAN® starts with as few as only 2 nodes...

...and does **Scale-Out** to infinity.

CapEx is reduced because there is no dedicated SAN or NAS purchased and put into production life cycle.

OpEx is reduced because there is less hardware to maintain, less power supply and cooling consumed, less upgrade and EOL, less datacenter space occupied.

ROI is optimized because all deployed servers are used more efficiently: virtualization and storage workloads are combined.

Lower capital and operational costs **don't compromise performance** thanks to:

- **In-house** developed technologies,

- **Patented algorithms** (Adaptive Caching, Inter-node Tiering, In-line Deduplication, Log-Structured File System),

- **Reduced I/O path** – virtualization layer "talks" to storage bypassing network for most of the I/O operations.

StarWind® was one of a first to push **Software Defined Storage** and **Hyper-Converged** concepts out from a "Test & Development" niche right to production mainstream dominated by hardware storage appliances, and

now hardware appliances themselves are becoming more of a niche.

Unlike **VMware Virtual SAN,**

our solutions starts with only **two nodes** and can be installed on

exactly **as many as needed**.

Unlike **Microsoft Storage Spaces** (including **Shared Nothing**) and **Scale-Out File Server** concept,

our solution supports **hyper-converged** model and does **Shared Nothing** with just two nodes.

Unlike **open-source Software Defined Storage,** our solution runs **inside hypervisor** and is completely **in-house** developed.

Unlike **proprietary hardware SAN and NAS,** our solution has the ability to run **hardware-less**, has **perpetual licenses,** and provides **no lock-in-hardware.**

≈ StarWind

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