Enovade Makes Its Physical SAN Accessible Again Thanks to StarWind VSAN

**Problem**

Enovade owns a small-scale infrastructure with Microsoft Hyper-V as the hypervisor of choice. Its environment’s disk partition was implemented with a single point of failure (SPOF). Unfortunately, the company’s physical SAN experienced some hardware-based issues and, eventually, stopped being accessible for applications. The environment required smoothness of operation with all the underlying storage being available for any activities at all times.

**Solution**

Enovade chose StarWind Virtual SAN as the solution to its problem. The company used the unified consoles that comes with VSAN to virtualize and distribute the storage resources its physical SAN had. Thanks to creating a virtual SAN disk, Enovade’s applications could access the required underlying storage. Thanks to “mirroring” of hard disks and flash between hypervisor servers, the company also was able to resolve its SPOF issue. Enovade was able to avoid buying new physical shared storage thanks to the versatility that comes with a set of StarWind VSAN’s features.

"The StarWind engineer was very helpful: he fixed the problem with the physical SAN access and solved the other issues we had quickly and effectively."

Muhammad Hafiz Zahidi, Service Manager