

Enovade Makes Its Physical SAN Accessible Again Thanks to **StarWind VSAN**



About the Company

Enovade is a Malaysian company that offers IT consulting services. It helps clients manage their IT investment efficiently, automate their business processes and provide them with tools to increase productivity and reduce their total cost of ownership. In its activity, the company leverages Microsoft products.

Company Profile

IT Consulting

Contact Person

Muhammad Hafiz Zahidi,
Service Manager

Problem

Applications could not access physical SAN resources due to malfunction + SPOF.

Solution

StarWind introduced fault tolerance and was able to virtualize the physical SAN's resources for applications to access.

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