

StarWind Virtual SAN enhanced performance with its approach to L1 and L2 caches, which improved the overall system maintenance in VISMA company



About the company

VISMA is a leading European company that provides software for automating and managing business processes. For more than 15 years, VISMA has been successfully developing solutions and software that facilitate administrative functions and brings advantages to customers' businesses.

Industry

Software Development

Geo

EMEA

Solution

StarWind Virtual SAN (vSAN)

"StarWind improved troubleshooting, the way of control and support."

Ciprian Visa,
a company representative

Challenge

The company's infrastructure comprised POC, home lab and pure testing environments composed of 10 hosts with ESXi and Hyper-V. VISMA was trying to achieve more features on top of the existing Windows Server iSCSI target role server and improve performance using cache operational principles. Therefore, the company needed an appropriate solution that could fulfil those requirements.

Solution

To satisfy the existing demands, Visma decided to select StarWind Virtual SAN products. It is user-friendly, easy to configure, and integrate both with Windows Server and VMware vSphere product lines.

StarWind Virtual SAN uses RAM for L1 cache and flash memory for L2 cache to speed up the processing of disk requests. To achieve high performance and additional protection, StarWind also encourages to use L1 cache in the write-back mode and L2 cache in the write-through mode respectively.

Owing to StarWind's approach to L1 and L2 cache memory and the ways it is implemented, Visma company managed to improve troubleshooting, the way of the system control and support.