

Auchan Magyarország Kft. Initiates Its New POS Systems Thanks to StarWind VSAN.



About the Company

Auchan Magyarország Kft. is the Hungarian "link" in the international hypermarket chain under the brand of Auchan. The hypermarkets do both retail and wholesale of a huge plethora of goods and services.

Company Profile

Hypermarket

Contact Person

Vass Sandor, IT Infrastructure
Leader

Problem

The company needed a solid shared storage solution for its new POS Systems.

Solution

StarWind provided an SDS solution that allowed integrating the new system.

Problem

Auchan Magyarország Kft. intended to introduce new POS Systems into 19 of its hypermarkets around the country. The company required a cost-efficient shared storage solution since it planned to build 2-node storage clusters for 2-node Microsoft Hyper-V virtualization clusters in each of the locations. The intention was to put Dell Servers with 2x10GBE or 3x10GBE LACP direct connection between each pair for iSCSI communication, along with other hardware, in the same room. Each of the new environments would have to be running on high speed and without any chances of downtime since the new systems deal with monetary transactions. Opting for the typically expensive and rigid NAS or SAN solutions wasn't an option.

Solution

StarWind's software-defined storage (SDS) solution, Virtual SAN (VSAN), easily met the requirements that Auchan Magyarország Kft. Had outlined. StarWind VSAN easily provides constant uptime and fault tolerance in a true 2-node scenario. It's compatible with all industry-standard uplink protocols, including iSCSI and NVMe-oF, for flawless and ultrafast performance. StarWind VSAN uses Software or Hardware RAID to ensure resiliency and "mirroring" to achieve foolproof disaster resistance. Due to its transparent, affordable, and flexible licensing, Auchan Magyarország Kft. got the chance to create 2-node fault-tolerant storage pools in each of the 19 locations, ensuring high availability for its new POS Systems and without breaking the bank at all.



We were able to build 2-node storage clusters based on virtualization in 19 hypermarkets without any problems and with high cost-efficiency.

Vass Sandor, IT Infrastructure Leader