

PBS Systems gets one high-end storage system with StarWind Virtual SAN (VSAN)



About the Company

PBS Systems is a Dealership Management Software company based out of Alberta, Canada. It is the largest Canadian dealership vendor as well as one of the top three in Northern America, providing dealership software, services, and support to dealership customers.

Company Profile

Dealership Management Software

Contact Person

Ajet Ibraimoski, IT Manager

Problem

The company needed to consolidate its storage systems, replace end-of-life hardware, reduce downtime, and achieve redundancy.

Solution

With StarWind VSAN, the company got a high-performance storage system, achieved zero downtime, and increased uptime to 100%.

Problem

Before StarWind Virtual SAN (VSAN) deployment, **PBS Systems** had multiple storage systems such as Open-E Data Storage Software V7 (DSS V7) and Microsoft Storage Spaces Direct (S2D) and different JBODs over 10GB Network that was accessed by a Microsoft Hyper-V cluster. This IT infrastructure was of immense complexity plus had aging hardware that needed to be maintained from different vendors. The system did not have the same performance and therefore was unreliable and costly. In the current precarious environment, PBS Systems needed to provide redundancy and high availability for their IT infrastructure. Also, an automatic monitoring function was required to detect problems in the IT environment and prevent them in advance.

Solution

With **StarWind VSAN**, PBS Systems was able to optimize their IT resources. By implementing StarWind as a hyperconverged infrastructure (HCI) solution in their colocation facility, PBS Systems reused their networking switches and deployed 2-node StarWind Storage Appliance (SA) in active-active mode for the company's 8-node Microsoft Hyper-V cluster. Active-active replication allowed achieving zero downtime, continuous end-user and their VMs availability, and desired redundancy. Current storage replicates between the nodes with a direct 25GB link providing the ability to work on one node while the other is taking the load. Without increasing costs, just one VSAN saved an IT infrastructure from a huge amount of hardware and excessive complexity. PBS Systems consolidated their separate storage systems in one system and achieved a great performance. With the acquisition of StarWind VSAN, the company gained stability which is expressed not only in the smooth operation of the product but also in monitoring any problems and resolving them by StarWind Support Team.



Thanks to **StarWind**, we were able to consolidate multiple separate storage systems in one system, saving on rack space and power consumption, improving storage performances, and increasing our uptime to 100% in the last 12 months period.

Ajet Ibraimoski, IT Manager