StarWind
Hyperconvergence
for SMB & ROBO

Marion County R-II School District creates a failover cluster ensuring 100% application uptime with StarWind Virtual SAN (VSAN)

About the Company

Marion County R-II School District is a rural K-12 School District serving students in Marion County, Missouri, USA.

Company Profile

Education

Contact Person

Isaiah Jesch,
IT Director

Problem

The organization required a shared storage platform to connect its hypervisors and create a failover cluster.

Solution

Thanks to StarWind, the organization gets a reliable shared storage solution giving the opportunity to build a Hyper-V failover cluster, ensure replication and backup, and achieve scalability at a reasonable price.

Problem

Before StarWind Virtual SAN (VSAN) deployment, **Marion County R-II School District** had standalone Dell servers with Hyper-V on top and no SAN storage. The servers being completely independent led to no failover or redundancy. Unplanned reboots of the Hyper-V hosts resulted in taking many crucial servers and functions off-line on a fairly regular basis. Additionally, **Marion County R-II School District** had no reliable backup solution, and budget constraints prevented it from addressing both issues. The organization was in great need of a good price-quality shared storage solution to achieve high availability (HA) and scalability.

Solution

Marion County R-II School District has chosen **StarWind VSAN** because it allowed creating a Hyper-V failover cluster with HA features always maintained. The provided replication between the hardware also gives the organization an effective copy of all data on all servers, thus ensuring reliable backup/failover in the event of hardware loss. The scalability of the system is also excellent and gives the institution confidence in the ability to grow and adjust its hardware infrastructure. **The StarWind** allows **Marion County R-II School District** to continue to make the most of its investments.

StarWind was a standout for the organization's needs and the current size of its infrastructure requiring a smaller starting point but future growth with a solution that could scale out. Since deploying **StarWind VSAN, Marion County R-II School District** has had 100% uptime with its virtual environment. Its servers are more up to date than ever before and use Hyper-V failover to keep its staff connected to the key services even while maintenance items are being performed. The organization was also pleased with the help of the **StarWind Support Team** that was very knowledgeable and ensured everything was configured exactly right from both a best practice perspective. Marion County R-II School District is more than happy with the solution right now and plans to continue using it and recommending it to its peers looking to solve similar challenges.

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> StarWind immediately provided a solid shared storage platform that allowed our disconnected hypervisors to form a reliable cluster.
>
> **Isaiah Jesch, IT Director**

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