StarWind

Education Resource Strategies
achieved higher production uptime with
StarWind Virtual SAN

ERS

About the Company

Education Resource Strategies (ERS) is a national non-profit organization that partners with district, school, and state leaders to transform the way they use resources (i.e., human resources, time, and money) involved in establishment of effective schooling systems. Organization's work integrates data analysis, strategic design, implementation, and monitoring of all areas of school system design.

Specialization

Non-profit education advisory services

Contact Person

Arthur Musaelian,
a company representative

Problem

Air Innovations was looking for a cost-efficient solution that allowed the company to create an HA clustered environment with Microsoft Hyper-V hypervisors without any additional storage solutions.

Solution

StarWind Virtual SAN enhanced infrastructure resiliency, fault tolerance, and scalability. Being hardware agnostic, **StarWind Virtual SAN** resolved all problems with ERS's IT environment within strict budget limitations.

Problem

The company was running virtualized non-clustered Hyper-V servers. For storage purposes, **ERS** utilized the separate nodes with file replication between them.

The bad thing about such environment was the presence of single points of failure in both systems. Furthermore, the seamless failover was hardly possible due to poor infrastructure redundancy. As a result, running such IT ecosystem was pretty risky for organization's production uptime: if one node went down, the entire production would be knocked out.

Considering this risk, **ERS**'s IT ecosystem needed some changes. Yet, being a non-profit organization, **ERS** had limited budget for that project.

Solution

StarWind Virtual SAN allowed the company to create highly available and redundant storage that promoted environment's resiliency. Due to being run on the flexible storage, the production can now withstand single node's failure. Also, **ERS**'s IT environment resiliency facilitated scaling up and out according to organization's needs.

The solution has perfectly fitted budget limitation due to being run on the commodity hardware.

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> The resulting infrastructure has worked very well since deployment. All requirements were satisfied.
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> Arthur Musaelian, a company representative

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