

Electricity Generating Authority of Thailand optimizes its operational efficiency by achieving scale-out clustering with **StarWind Virtual SAN (VSAN)**



EGAT

About the Company

Electricity Generating Authority of Thailand (EGAT) is Thailand's leading state-owned power utility under the Ministry of Energy, responsible for electric power generation and transmission for the whole country. Its power plants are located in 45 sites across the country.

Industry

Government

Location

APAC (Thailand)

Solution

StarWind Virtual SAN (VSAN)

"StarWind provided scaling up over the existing environment, and it all works as required with less downtime in case of maintenance."

Kittipat Saengkaenpetch,
Administrator

Challenge

Before StarWind Virtual SAN (VSAN) deployment, Electricity Generating Authority of Thailand (EGAT) relied on vendor storage and utilized a Hyper-V hypervisor. The organization encountered scalability issues and hardware/software lock-ins. Its infrastructure lacked the flexibility to scale up effectively, leading to performance bottlenecks and limited storage capacity.

Despite attempts to address these issues, the existing setup proved resistant to easy solutions due to vendor constraints and the inability to efficiently scale up/out.

Solution

EGAT opted for StarWind VSAN for its software-defined storage (SDS) approach, offering scalability without hardware or software vendor lock-ins. Leveraging existing Windows servers, StarWind facilitated the seamless integration of storage infrastructure. With plans for future scalability through scale-out clustering, EGAT ensured long-term viability and flexibility.

The resulting infrastructure not only met but exceeded EGAT's requirements, providing enhanced performance and storage capacity. Moreover, with minimal downtime during maintenance and robust vendor support, EGAT found itself well-equipped to handle evolving demands.