Geo-redundant business continuity at a reasonable price

: BACKGROUND

Bon Studio S.A. is the leading provider of sound and lighting services. The company based in Athens, Greece is installing sound systems for public and private use. It expanded its services to include P.A. systems, for both indoor and open-air festivals, covering the majority of the famous Greek and foreign musicians’ concerts. These performers rely on the company’s technical know-how and experience to produce a flawless show. Virtually every large-scale artistic and cultural event in the Athens area bears the signature of Bon Studio.

The company recently migrated the email server and all virtualization services to open source Linux products, preserving most of their existing equipment.

: BUSINESS CHALLENGE

Bon Studio S.A. designed a business continuity scenario where the core hypervisors should be in separate buildings connected back-to-back via fiber links. A shared storage solution wasn’t an option as Bon Studio didn’t want to have any single point of failure. They also needed something to fit within a reasonable budget.

: SOLUTION

The new architecture was designed and deployed with maximum business continuity in mind and within a reasonable budget, minimum downtime and no data loss. The solution consists of a primary (active) server running SLES 11 SP3 with XEN hypervisor and DRBD® for data replication and a secondary (passive) node with the same OS characteristics. It supports active and passive failover. The passive node is offsite over optical network.

“We have deployed DRBD® in our production environment using existing infrastructure. Because of the great remote support provided by LINBIT the project was delivered successfully. We were able to reduce downtime to an absolute minimum and our business faced no disruption.”

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