Migrating from Unix HA to Linux HA

BACKGROUND Secure Payment Systems has been around since 1996 processing payments to 10,000+ entities across North America. Providing transactions at the POS or over the web, they require 99.9% uptime. In addition to downtime being unacceptable, Secure Payment Systems is often audited, where High Availability is a fundamental requirement.

Altogether, it is imperative that Secure Payment Systems protects their customer transaction data from both unexpected outages and data-loss.

BUSINESS CHALLENGE After years of using SCO Unix technologies, Secure Payment Systems wants to upgrade to Linux. They must retain the same High Availability features and functionality they had with their past system.

In addition, one new requirement states that they must have data availability in multiple geographically separated data-centers.

SOLUTION After diligent research, Secure Payment Systems chose DRBD® software for their local High Availability needs. Since DRBD can replicate data in a transaction safe manner, customer data is protected during hardware failures.

For their new Disaster Recovery requirement, LINBIT's DRBD Proxy Software fit their regulatory needs. DRBD Proxy enables data to be compressed and replicated across long distances. Secure Payment Systems' IT systems stay up and running in multiple locations across North America, allowing IT continuity—even during entire site outages.

After evaluating cost, implementation stress, portability, reliability, support, and mission critical performance, Secure Payment Systems concluded that LINBIT is best in class. Secure Payment Systems has service level agreements to maintain, and LINBIT's 24/7/365 Enterprise Support enables them to fulfill their 'around the clock' availability requirements.

"LINBIT is a great company committed to development and support of their products, and are a reliable partner. They understand the mission critical system concept from their customer's perspective, and follow the traditional path IT professionals, like me, have come to expect in the Linux world. Whatever the usage or configuration, LINBIT has the answers to apply their products optimally."

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