

Conversion from Asynchronous to Synchronous



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Current Situation

A large Portuguese financial institution was looking for a DR solution for their branch in Spain which supports over 50 applications at the primary site, over 30 of which are considered critical applications. The branch was replicating asynchronously to a data center some 20kms away.

However, due to regulations, the Bank of Spain has insisted that a Disaster Recovery solution be in place. Furthermore, due to the infrastructure in the area, the bank would have been forced to lease or establish a dedicated synchronous line to the data center, a prohibitively expensive option.

Main Challenge

Implement a solution that met the requirements for replicating to a Disaster Recovery site in a cost effective manner while ensuring 100% data protection. In short, the bank would like to:

- Provide zero data loss
- Avoid the high costs associated with leasing or establishing a dedicated synchronous line.

Solution

Axxana presented the bank with a technology and business solution that met their requirements on all fronts. The bank is leasing asynchronous lines and continues to use asynchronous mirroring with application-consistent snapshots. The bank augments the replication with Axxana's Enterprise Data Recorder (EDR), a sturdy and robust data protection storage system capable of withstanding extreme conditions and surviving any type of disaster without losing data. In summary, the bank is using asynchronous infrastructure while enjoying synchronous replication benefits.



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