

There is huge potential for our company to adopt a cost-effective solution that can have a major impact on how we back-up our data. Data deduplication will improve our storage protection through faster data back-ups and restores. It will also alleviate costs for our firm because it will require us to purchase and maintain fewer disks.

This technology offers many benefits such as the elimination of redundant data. Typical backup programs can take up to 16 hours to successfully back up all of the data whereas a deduplication system can process the backup in 3 hours. Deduplication has the advantage over tape-based backup approaches because it requires less bandwidth to move the same amount of data that has not been deduplicated. This system will have a positive influence on the overall performance of our company by reducing how much cache we consume. Lastly, data deduplication technology will have a better impact for disaster recovery because it requires less network connectivity.

Deduplication will be beneficial to our business because it will save our company money. Fewer resources, such as disks and required disk maintenance will need to be purchased. Since deduplication requires less disk-space we can use our extra disk availability to store more of our important data for longer periods of time. A lower cost would be required for remote replication and the amount of bandwidth our company purchases. This technology will improve the quality of our business as well as lower costs for our firm.

References

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