ABSTRACT

Objectives
The objective of this thesis is to research if storage area network can or cannot be the solution for storage and back up management. Nowadays, data has grown in an enormous amount and it grows very fast too. To anticipate it, an excellent storage management is highly needed, especially for large organizations that heavily rely its core business on Information Technology infrastructure.

Method
Information gathering from books and the Internet is conducted to get the theoretical foundation of this solution. For the practical result, a survey is conducted. There is also learning from several real experience case studies.

Results
After the learning, writer gets the result that storage area network is really working and indeed an excellent storage solution that can solve the problems in storage and back up management. Thus, due to its initial investment, it is not widely implemented. The industry that affords and highly need to implement this solution mostly comes from the financial service industry.

Conclusion
In conclusion, choosing a storage solution that can answer the needs in storage and back up management of an organization will depend on the urgency and policy of the organization itself. Storage area network suits best for organization that put IT infrastructure as a critical point to run the business and need to manage a huge amount of data and along with that need to anticipate its fast growth as well.

Key words
Storage Area Network, Fibre Channel
PREFACE

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