

An Investigation of Factors Influencing an Organisation's Intention to Adopt Cloud Computing

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Introduction

Cloud computing is a paradigm for providing and delivering IT services over the Internet. The cloud can provide several benefits for organisations including cost reduction and flexibility. However, migrating an existing system to the cloud depends on a number of factors that may affect an organisation's decision to adopt the cloud.

The aim of this research is to investigate these influential factors in depth and understand why organisations are willing to move to the cloud or why not.

This research proposed an integrated model in an attempt to find out what might encourage an organisation to use cloud services or might impede them from using it.

Cloud Computing Characteristics

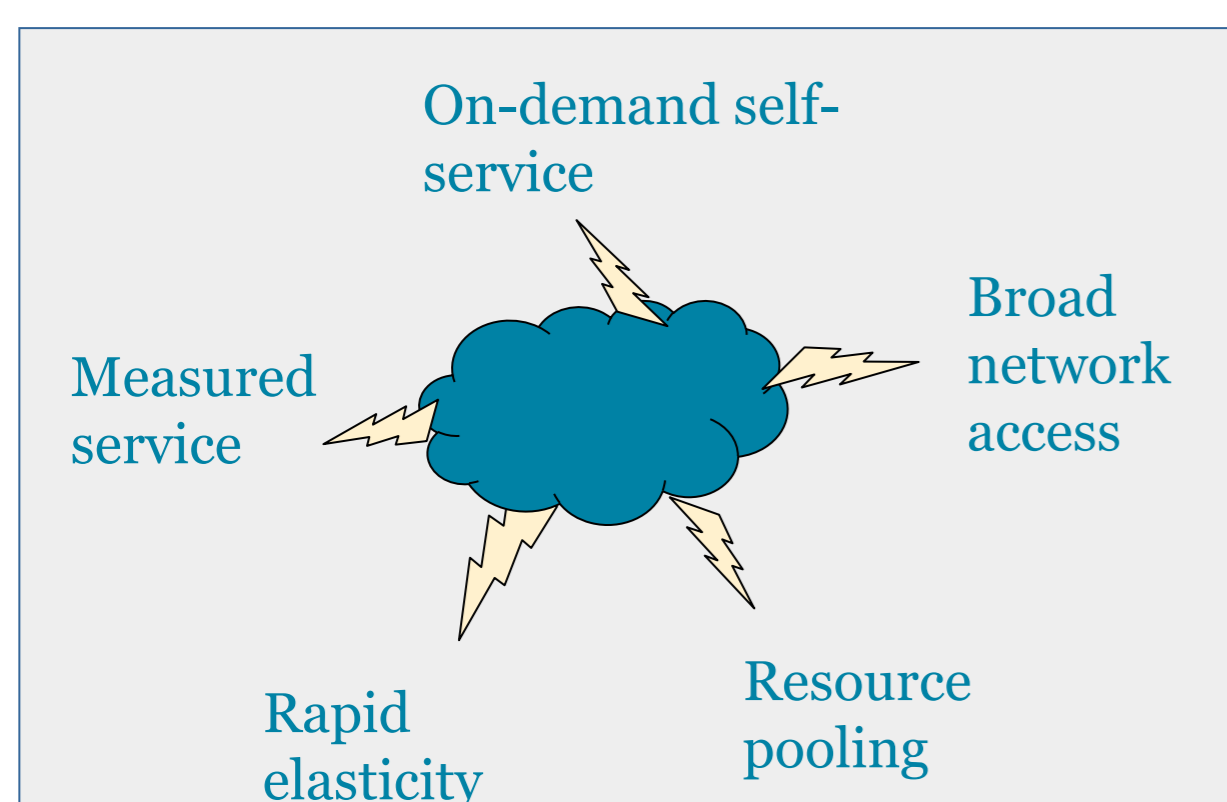


Fig.1 Cloud computing characteristics [1]

The proposed model

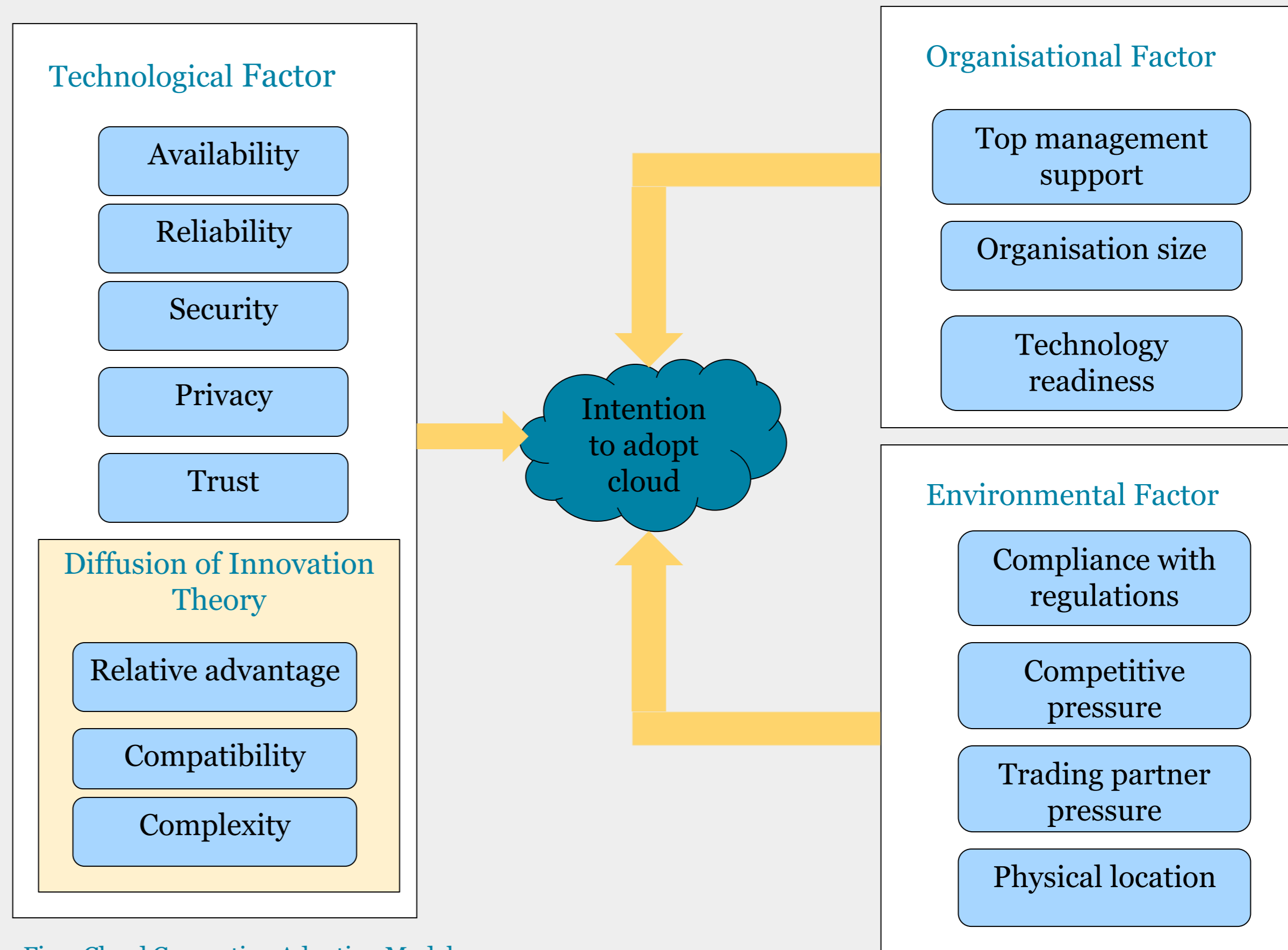
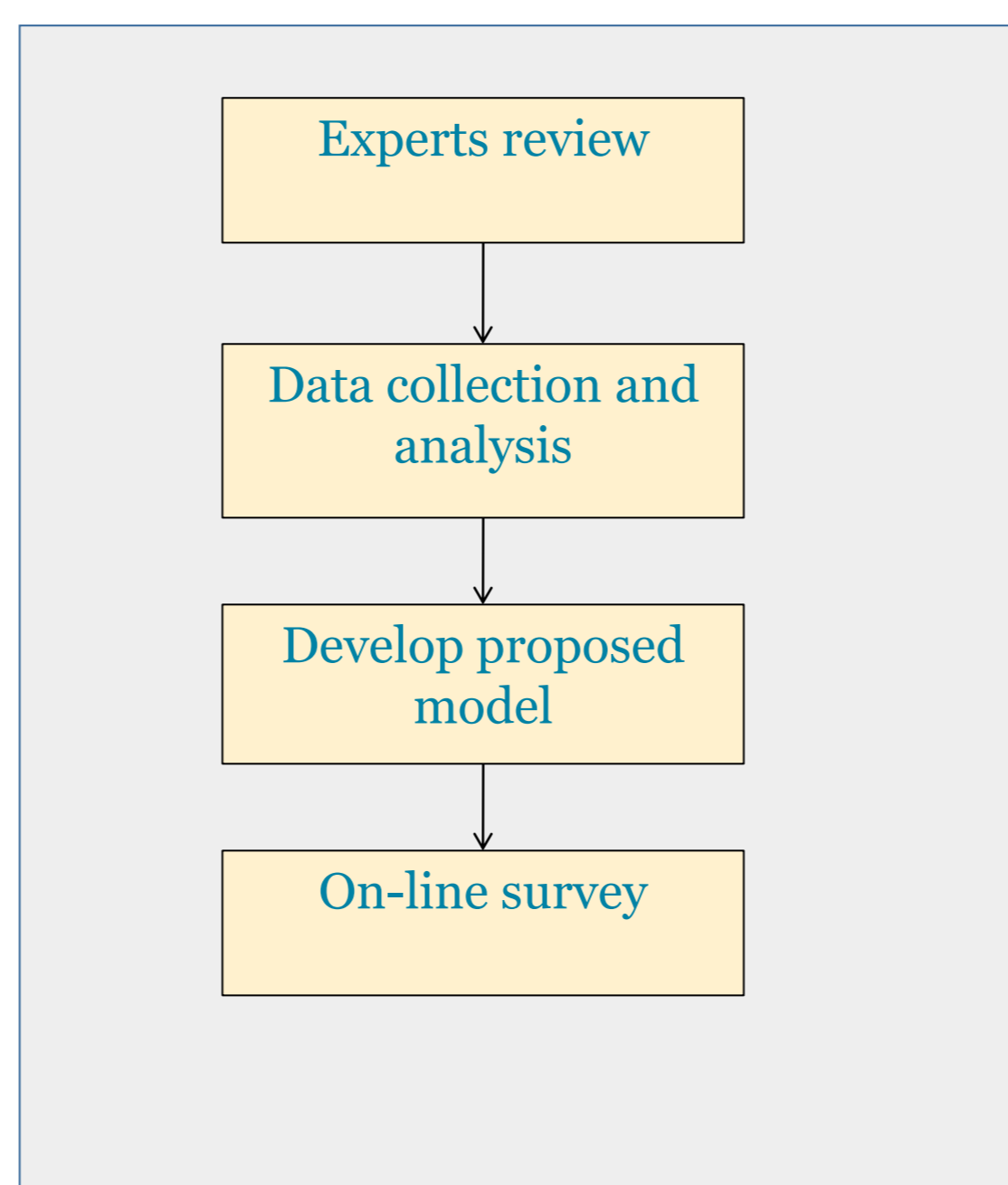


Fig.2 Cloud Computing Adoption Model

- ❖ A integrated model has been developed to examine what are the most important factors that affect an organisation's decision to adopt the cloud.
- ❖ This model incorporates aspects of the aspects of the Technology-Organisation-Environment (TOE) framework [2] and integrated the critical factors from existing theories Diffusion of Innovations (DOI) [3] and institutional theory [4] and other factors so as to examine the impact of this variable on the adoption decision of enterprises.

Methods



Conclusion

Cloud computing is beneficial for companies and general users. However, some organisations still concerns about the idea of shifting a present system to the cloud. The purpose of this study is to investigate the factors that may influence an organisation's intent to adopt cloud computing. This is an ongoing research and further work will be focused on reviewing, then validating the proposed model and outcomes will be published soon.

References

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