

## Analisis adopsi layanan cloud computing pada industri perbankan di Indonesia = Analysis the adoption of cloud computing services for the banking industry in Indonesia

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### Abstrak

Industri perbankan di Indonesia saat ini belum mengadopsi layanan cloud computing akibat dari peraturan Bank Indonesia dan Pemerintah. Penelitian ini bertujuan menjelaskan faktor-faktor yang mempengaruhi perusahaan perbankan untuk mengadopsi layanan cloud computing dilihat dari konteks technology, environment, dan organization. Analisis ini menggunakan kerangka TOE (Technology-Organization-Environment), teori DOI (Diffusion of Innovation), dan metoda PLS (Partial Least Square).

Hasil penelitian ini menunjukkan bahwa faktor technology tidak berpengaruh signifikan bagi perusahaan perbankan untuk mengadopsi cloud computing, namun faktor organization dan environment berpengaruh signifikan bagi perusahaan perbankan dalam mengadopsi cloud computing, dimana model yang dihasilkan dalam penelitian ini cukup kuat (moderate) sebesar 36.1 %.

*The banking industry in Indonesia has yet to adopt cloud computing services as a result of the regulation of Bank Indonesia and the Government. This study aims to explain the factors that affect the banking companies to adopt cloud computing services viewed from the context of technology, environment, and organization. This analysis uses a framework TOE (Technology-Organization-Environment), the theory DOI (Diffusion of Innovation), and the method of PLS (Partial Least Square).*

*These results indicate that the technology factors had no significant effect for banking companies to adopt cloud computing, but the organization and environment influential factors significant for the banking companies to adopt cloud computing, where the model is produced in this study is quite strong (moderate) of 36.1%.*