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RESEARCH ARTICLE

Enhancing Content Security using MD5 & UTF8 Encoding at Window Azure Cloud

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Abstract— Cloud computing is a model for enabling convenient, on-demand network access to a shared pool of configurable computing resources. Data security is one of the biggest concerns in adopting Cloud computing. In Cloud environment, users remotely store their data and relieve themselves from the hassle of local storage and maintenance. However, in this process, they lose control over their data. Since the data transmission on the internet or over any networks are vulnerable to the hackers attack. We are in great need of encrypting the data. So, in this paper we describe the enhancement in security using MD5 & UTF8 Encoding schemes. In this work we also include a signature to add more security while uploading the contents & also by making restrictions on the number of transactions per user.

Key Terms: - Cloud Computing; Content Security; MD5; UTF8; Signature; Window Azure

Full Text: http://www.ijcsmc.com/docs/papers/July2013/V2I7201305.pdf

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