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IDENTIFICATION OF MISBEHAVING CLOUD SERVER USING TOKEN COMPUTATION

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ABSTRACT

"Cloud computing" became the next generation of IT. The cloud is not simply the latest trendy term for the Internet. Though the Internet is a need for the cloud, the cloud is something more than the Internet. The cloud is where you go to use technology when you need it, for as long as you need it, and not a minute more. You do not install anything on your desktop, and you do not pay for the technology when you are not using it. The cloud can be both software and infrastructure. It can be an application you access through the Web or a server that you provision exactly when you need it. So, lot of people paid their attention towards this new era of IT. Automatically certain security problems will arouse, When the number of users using the cloud. They are either from the server of cloud or any attacker which had an interest to steal the users' data. This paper provides a solution to identify the misbehaving and properly not working server using the token computation. It verifies the cloud server with the data which already distributed into the server data storage. The computed token checks the signature of the data in cloud data storage. Based on the result this scheme gives the authentication for the cloud data storage server weather it was working properly or not.

KEYWORDS: Cloud Storage, Computer Technology, Higher Degree of Structure