

Chinese wall security and its effectiveness on cloud computing

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Cloud computing (CC) security is a subcategory of computer or network security within the broader category of information security. Cloud Security (CS) deals with the set of policies, controls or security measures built for the purpose of securing data, applications and infrastructure specifically in clouds. With heavy loads and frequent accesses, huge numbers of resources are involved with various levels of security and confidentiality need to be managed with care and mainly from attacks and malicious use. The very heavy usage of Cloud platform creates extremely challenging issues such as protection of resources and security of the platform. Cloud Platforms lets developers write applications that run in the cloud, or use services provided from the cloud, or both. Different names are used for this kind of platform today, including *on-demand platform* and *platform as a service (PaaS)*. In order to better understand Cloud Platforms, it's useful to start by looking at cloud services in general which can be grouped into three broad categories. In this paper we would like to take fact of these challenging issues and study the effect of another security model, which has not been stressed yet at the very large scale and heavy duties. We will implement this model and compare it to the existing solutions. This model is very promising and more results are needed (as future work) in order to confirm our findings.

Biography

Anthony Kreuzer is completing his Ph.D. in Computer Science and Informatics from the University College of Dublin (UCD), Ireland. An IT Business Analyst at Computer Science Corporation in Spain and more than 15 years work experience in various countries. In 1999 obtained a Masters in International Executive Business Management Masters at UCD. Currently aiming to publish papers in reputed journals and serving on the Expert Panel at Yuzz Foundation for Banesto Bank Spain, where he provides seminars and lectures to young entrepreneurs. Lecturing part time also at the local University of Oviedo in Spain and at other non IT related events.

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