Cloud Computing Security: An Investigation into the Security Issues and Challenges Associated with Cloud Computing, for both Data Storage and Virtual Applications

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***Abstract*- In recent years, cloud computing has developed from the promising business concept that it used to be, to one of Information Technology (IT) industry's most developing section. Now that the world economy was hit by recession, the victims of this tragedy continually understand that by just out-sourcing or tapping the cloud resources, a package of virtualise, elastic, instant on-demand provision, and scalable; infrastructure, platform, and software can be access fast and easy inform of services at a negligible amount via the internet. However, as individuals and organizations embarked on the course of deploying their information and data into the cloud, anxieties are beginning to develop on whether the cloud environment is safe. This research provides an overview of the cloud deployment model, the services they offer and discusses the security issues and challenges of cloud computing in both data storage and virtual applications/servers.**

Keywords: Cloud computing, security, risks, issues, deployment models, virtualization, service delivery models.

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