

CLOUD AND ITS SECURITY CONCERNS

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ABSTRACT

Cloud computing is one of today's most exciting technology. Cloud computing is a model of service delivery and access where dynamically scalable and virtualized resources are provided as a service over the internet. Security and privacy issues present a strong barrier for users to adapt into Cloud Computing systems. It offers potential benefits to users in terms of instant availability, scalability and resource sharing, while potentially posing security issues. Given these security and reliability concerns, we explore the optimal decision rule for moving certain IT function to public clouds. It is an internet based service delivery model which provides internet based services, computing and storage for users in all markets including financial health care and government. Cloud security is becoming a key differentiator and competitive edge between cloud providers. In this paper we have discussed about Cloud computing challenges, various projects, tools, sources of resources, and secure cloud architecture.

KEYWORDS: Cloud Computing Challenges, Cloud Projects, Cloud Tools, Sources of Resources, Secure Cloud Architecture