Abstract

Cloud computing has gained substantial research interest and with development, data security issues become more important. The term security has multiple facets such as confidentiality, availability and integrity. A perfect security solution must ensure all the security parameters effectively. With the growing adoption of cloud computing as a viable business proposition to reduce both infrastructure and operational costs, an essential requirement is to provide guidance on how to manage information security risks in the cloud. In this paper, most important security risk to cloud computing is discussed, privacy issue. Finally, a cloud computing framework and information asset classification model are proposed to assist cloud users when choosing cloud delivery services and deployment models based on cost, security and capability requirements.

This paper focuses on the security of data, where the objectives of these various security and privacy related issues and the possible solutions in literature.
References

11. Cloud privacy: an empirical study of 20 cloud providers’terms and privacy policies—Part I

Index Terms

Computer Science  Security

Keywords