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Survey on the Key Management for securing the Cloud

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Abstract

Importance of cloud is due to its unlimited supply of services such as server, storage of data and what not anything as a service (Xaas) is possible. As long as users enjoy its advantages need to take care of the security issues raises due to its infrastructure which is distributive and as function of the armed service to the consumer provider extend their hands to secure the data .This paper mainly concentrating in how many ways provider will offer security and how the mechanism works and which is most suitable for each and every type of service and cost involved for the security provision.

Keywords: Cloud Security; Cloud Services; Key Management.

1. Introduction

Cloud computing has become an impotent business model where computational resources are rented to customer by provider. Virtualization technology is key for cloud computing. The services provided by the service provider can be categorized into three types which are infrastructure as a service (Iaas) , software as a service(Saas), platform as a service(Paas). In general cloud technology is described in three types such as public cloud where services are

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