Abstract

Cloud Computing is a field of IT that can revolutionize the traditional computing facilities. Cloud Computing gives a new view to our hardware and software facilities by making them elastic rather than scalable. The system can be scaled up or down according to a user’s need. The use of open source technology is a turning point in providing cloud computing infrastructure to reduce the cost by a large magnitude. We can build our own private clouds and share resources viz. hardware and software without making any investment. The aim of this paper is to provide open source solution to build a private cloud. Iaas(Infrastructure as a service) implementation means to implement a private cloud wherein we can share hardware resources so as to reduce the cost of IT services of an organization.

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Index Terms

Computer Science          Information Sciences

Keywords

Cloud Computing   IaaS   Private Cloud   Open Source Technology   Eucalyptus Hypervisors