Abstract

Cloud Computing extend the areas of virtualization, clustering, IT management, Web Architecture, Services-Oriented Architecture (SOA) and brings new dimension in extending utility computing. The primary aim of Cloud Computing is to provide mobility deployment of web-based application by means of easily accessible tools and interfaces for using and manipulating infrastructure. Cloud-based services integrate globally scattered resources, which offer its users seamless services without any glitches. There are three general categories of services offered in cloud computing. They are Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS), and Software-as-a-Service (SaaS). SaaS is becoming an increasingly ubiquitous software delivery model that support implementation of service-oriented architecture using Web services technologies. With SaaS gaining mainstream popularity, enhanced by the advent of web based computing options and virtualization platforms, the
enterprise infrastructure is rapidly expanding into a large computing blurb- a 'computing cloud'.
SaaS is the key setting for the rapid development that Cloud Computing is creating. In this
paper we investigated SaaS by describing their characteristics, reasons for adoption and
applications. SaaS model make possible for every customer to take advantages of provider’s
latest technological features without the burden of software maintenance, management,
updates and upgrades. This paper also identifies the responsibilities of SaaS provider and the
benefits to SaaS consumer.

Reference

Model for Information Technology”, International Journal Of Database Management Systems
- Rings, T., Caryer, G., Grabowski, J. G. J., Kovacikova, T., Schulz, S., and Rees, I. S.
2009, “Grid and Cloud Computing: Opportunities for Integration with the Next Generation
2(3), pp. 78-82.
- Agarwal, S. and McCabe, L. 2010, “The TCO Advantages of SaaS-Based Budgeting,
Forecasting & Reporting”, A Hurwitz white paper, Available : www.hurwitz.com
8(2), pp 29-38.
- Buyya, R., Yeo, C. S., Venugopal, S., Broberg J. and Brandic, I. 2009, “Cloud computing
and emerging IT platforms: vision, hype and reality for delivering computing as the 5th utility”,
FGCS, 25(6), pp. 599-616.
179-183.
paper,. Available online: www.ladenterprizes.com
- Clair, G. S. 2008, “Software-as-a-Service (SaaS): Put the Focus on the KM/Knowledge
Services Core Function”, AN EOS International white paper.
- Ventana Research white paper, “Information Management For Midsize Companies”,
Available online: www.ventanaresearch.com
Software-as-a-service Vendor”, A Hyper Office Inc. white paper,. Available :
www.hyperoffice.com
An Approach for Investigating Perspective of Cloud Software-as-a-Service (SaaS)

- Gruman, G. 2007, “The Truth About Software as a Service (SaaS) “, Available online : http://www.cio.com/article/109706/The_Truth_About_Software_as_a_Service_SaaS

Index Terms

Computer Science

Information Technology

Key words

Cloud computing

Customer

IaaS

PaaS

Provider

SaaS