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Abstract

Since computing required number of hardware and software resources which continuously changed or upgraded thus requiring customers and users to consistently pump in investments to upgrade their infrastructures. This required researchers to arrive at a solution where users and customers would have access to latest versions of hardware and software without requiring new investments. This led to the very concept of cloud computing where a customer or user pays only for the service rather than for the product [1]. This paper is a base paper that gives a brief introduction to the cloud computing, from what technologies cloud computing is derived, its components, its merits and demerits, also main challenges to the cloud computing. This paper

also helps to categorize the various services provided by any cloud service provider in some categories depending upon the type of service.

Refer

ences

- Sriram-Ilango and Ali Khajeh-Hosseini. Research Agenda in Cloud Technologies.
- Mell-Peter, Grance-Timothy. September 2011. The NIST Definition of Cloud Computing.
- Patel-Pankesh, Ranabahu-Ajith, and Sheth-Amit. Service Level Agreement in Cloud Computing.
- Foster-Ian, Zhao-Yong, Raicu-Ioan and Lu-Shiyong. Cloud Computing and Grid Computing 360-Degree Compared.
- Youseff-Lamia, Butrico-Maria, and Dilma Da Silva. Toward a Unified Ontology of Cloud Computing.
- Zhang-Qi, Cheng-Lu, and Boutaba-Raouf. 2010. Cloud computing: state-of-the-art and research challenges. J Internet Serv Appl (2010) 1: 7–18.
- Chappell, David. June 2011. Cluster Computing Today, What's Changed and Why It Matters.
- Baker-Mark, and Buyya-Rajkumar. Cluster Computing at a Glance.
- Seyyed Mohsen Hashemi, Amid Khatibi Bardsiri. Cloud Computing Vs. Grid Computing. ARPN Journal of Systems and Software. Vol. 2, No. 5, May 2012. ISSN 2222-9833.
- Metri-Priya, and Sarote-Geeta. Privacy Issues and Challenges in Cloud computing. 2011. International Journal of Advanced Engineering Sciences and Technologies Vol No. 5, Issue No. 1, 001 – 006.
- Dejan S. Milojicic, Vana Kalogeraki, Rajan Lukose, Kiran Nagaraja, Jim Pruyne, Bruno Richard, Sami Rollins, and Zhichen Xu. July 10, 2002. Peer-to-Peer Computing.
- Barkai-David. February 2000. An Introduction to Peer-to-Peer Computing.
- Mohamed I. Mabrouk. 05 Sep 2008. SOA fundamentals in a nutshell, Prepare to become an IBM Certified SOA Associate.
- Dillon- Tharam, Chen Wu and Elizabeth Chang. 2010. Cloud Computing: Issues and Challenges. 24th IEEE International Conference on Advanced Information Networking and Applications.
- An architectural blueprint for autonomic computing. IBM. June 2005, Third Edition.
- Dean- Jeffrey and Ghemawat- Sanjay. MapReduce: Simplified Data Processing on Large Clusters. USENIX Association OSDI '04: 6th Symposium on Operating Systems Design and Implementation.
- Kumar-Santosh and Goudar-R. H. Cloud Computing – Research Issues, Challenges, Architecture, Platforms and Applications: A Survey. International Journal of Future Computer and Communication, Vol. 1, No. 4, December 2012.
- Introduction to Cloud Computing architecture, White Paper, 1st Edition, June 2009, Sun Microsystems, Inc.
- Keith Jeffery [ERCIM], Burkhard Neidecker-Lutz [SAP Research], The future of cloud computing opportunities for european cloud computing beyond 2010. Expert Group Report, Public Version 1. 0.

- David Burford, CFA, MBA, MCP. February 20, 2010. LAD ENTERPRIZES, INC.
- By V. Krishna Reddy, B. Thirumala Rao, Dr. L. S. S. Reddy, P. Sai Kiran. Research Issues in Cloud Computing. Global Journal of Computer Science and Technology. Volume 11 Issue 11 Version 1. 0 July 2011.
- Han Qi, Abdullah Gani. Research on Mobile Cloud Computing: Review, Trend and Perspectives.
- Shivangi Goyal, a comparative study of cloud computing service providers. International Journal of Advanced Research in Computer Science and Software Engineering. Volume 2, Issue 2, February 2012 ISSN: 2277 128X.
- L. Arockiam, S. Monikandan & G. Parthasarathy. Cloud Computing: A Survey. International Journal of Internet Computing (IJIC), ISSN No: 2231 – 6965, Volume-1, Issue-2, 2011.
- Introduction to Cloud Computing. Dialogic Making Innovation Thrive.
- Christopher Olive, Cloud Computing Characteristics Are Key. General Physics Corporation.
- P. Radha Krishna Reddy*, S. Pavan Kumar Reddy, G. Sireesha and U. Seshadri. The Security Issues of Cloud computing over normal & IT sector. International Journal of Advanced Research in Computer Science and Software Engineering. Volume 2, Issue 3, March 2012 ISSN: 2277 128X.

Index Terms

Computer Science

Distributed Computing

Keywords

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