Abstract

From the most promising area of networking, the concept of using the services of cloud computing is on a great consideration nowadays. As a result it's a crucial time for corporate IT leaders to know their opportunities, innovating their creations on a higher level and utilizing their resources for new great challenges. Cloud computing potentially aims in making an organization more agile and cost effective. Keeping in way all the advantages that a cloud accommodates in its working, still the decision makers have a difficult eye on how; and why; to adopt cloud. This paper discusses some of the important concerns that a corporate developer might have before radically shifting to use the services provided by the cloud and also gives an enlightened solutions to those concerns.

References

- National Institute of Standards and Technology (NIST), Special Publication 800-145, The NIST Definition of Cloud Computing, September 2011
A Survey on Cloud Providers and Migration Issues

- Ali Khajeh-Hosseini, David Greenwood, Ian Somerville, Cloud Computing Co-laboratory School of Computer Science University of St Andrews, UK

"Cloud Migration: A Case Study of Migrating an Enterprise IT System to IaaS"

- "The NIST Definition of Cloud Computing" Recommendations of the National Institute of Standards and Technology, Peter Mell & Timothy Grance


- "The 2010 Cloud Networking Report" by Dr. Jim Metzler Ashton Metzler & Associates, Webtorials Analyst Division


- "What Every CEO Needs to Know About The Cloud" by Andrew McAfee, article originally appeared in Harvard Business Review (reprint #R1111J).

- Top 100 Cloud Services Providers (CSPs) List And Research, http://www.talkincloud.com/tc100/

- Dsa-Research.org http://dsa-research.org/doku.php


- RG Cloud Group http://research.spec.org/working-groups/rg-cloud-working-group.html

- FutureComputingGroup http://www.cs.kent.ac.uk/research/groups/future/

- StACC - Collaborative Research in Cloud Computing http://www.cs.st-andrews.ac.uk/stacc

- "Cloud Computing in India" A CIO Research Center Report, Supported by MICROSOFT


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