

Sunit's Institute of English Language, Literature & Research, Jalgaon (M.S.) India

Regd.No. MAH/16916/Jalgaon

CERTIFICATE

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Mr/Mrs/Ms/Dr/Prof. Avinash Appasha Choemale

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Prof. Nitin U. Bari (Convener & President, SIELLR, Jalgaon)

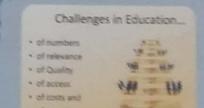
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TODAY'S EDUCATION SYSTEM: PROBLEM'S & REMEDIES

Editor: DINESH JARONDE



Focus on Quality





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ROLE OF CLOUD COMPUTING IN EDUCATION SECTOR Sunanda Arun More²

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Abstract:

Education plays an important role in maintaining the economic growth of a society. Now and therefore is think about the latest technologies to incorporate. Education plays an important role in maintaining the economic grown of a society. Now a theclassroom teaching is changing and students are becoming more technologies to incorporate in the latest tec the classroom teaching is changing and students are becoming more teems savvy and therefore in the changing environment, it's important that we think about the latest technologies to incorporate in the refore in the latest technologies prevalent now day is Cloud Computing By share the latest technologies and both the latest technologies are latest technologies. the classroom teaching is changing environment, it's important that we think about the latest technologies to incorporate in the interest and learning process. One of the latest technologies prevalent now day is Cloud Computing in the cloud, educational institution can outsource noncore services and better concentrate to the cloud. This concentrate is the concentrate to the cloud. and learning process. One of the latest technologies prevalent now day is cloud computing By services in the cloud, educational institution can outsource noncore services and better concentrate teachers, faculty, and staff the essential tools to help them succeed. This paper form and learning process.

services in the cloud, educational institution can outsource noncore services and better concentration offering students, teachers, faculty, and staff the essential tools to help them succeed. This paper focuses of cloud computing on the education system and how we can provide the quality education of cloud computing on the education system. offering students, teachers, faculty, and staff the essential tools to help them succeed. This paper focuses the impact of cloud computing on the education system and how we can provide the quality education the choice of the choice of the computing of the choice of the computing of the choice o Keywords: Cloud computing, higher education, SaaS, PaaS, IaaS, virtualization.

uction:
Indian government is encouraging the parents to send their wards to join the schools and college various schemes to promote education. The various schemes attracts students Indian government is encouraging the parents to send their wards to join the schools and colleges and has been providing various schemes to promote education. The various schemes attracts students and colleges but lack offacilities, good teachers, lack of latest books and labs facilities. and has been providing various schemes to promote education. The various schemes attracts students reaches the schools and colleges but lack offacilities, good teachers, lack of latest books and labs facilities to continue their education. One of the king of reaches the schools and colleges but lack offacilities, good teachers, tack of facilities reaches the schools and colleges but lack offacilities, good teachers, tack of facilities results and thus discourages them to continue their education. One of the bigger and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and if available at the covernment faces in providing education is the lack of infrastructure and infrastructure at the covernment faces in providing education is the lack of infrastructure at the covernment faces in the covernment faces in providing education is the covernment of seriously affects their results and thus discourages them to commune their categories. One of the bigger challenges that the government faces in providing education is the lack ofinfrastructure and if available the challenges that the government faces in providing education is the lack ofinfrastructure and if available the challenges that the government faces in providing education is the lack offinastructure and if available the maintenance of that infrastructure Other issue is procuring and maintaining a widerange of hardware and the skills to support them. Cloud computing can be applied to the computi maintenance of that infrastructure Other issue is procuring and maintenance of hardware in software require ample, ongoing investment and the skills to support them. Cloud computing can provide anywhere software require ample, ongoing investment and the skins to support them. Cloud computing can provide those solutions to all such issues: It's a network of computing resources—located just about anywhere—the support them. those solutions to all such issues: It's a network or computing resources for anywhere to can be shared. Thus by implementing cloud computing technology we can overcome all these short computing the such control of the short computing technology. and maintain a centralized system where all the authorities can check the education system from each and maintain a centralized system where all the system. They not only check the needs of the installand and maintain a centralized system where an the authorities can effect the catching system from each and every aspects and continue monitor and guide the system. They not only check the needs of the institution is provide to every student and also his attendance, class perfection. every aspects and continue monitor and guide the system. They not only block the fields of the institution but also ensure that quality education is provide to every student and also his attendance, class performance. etc can be effectively maintained without worrying for the infrastructure issue.

The cloud helps to ensure that students, teachers, faculty, parents, and staff have on-demand access. The cloud neips to ensure that students, extended, and private institutions can use the cloud to deliver better services, even as they work with fewer resources. Litureature review

Cloud computing predecessors have been around for some time now [13, 14,15], but the tem became "popular" sometime in October 2007 when IBM and Google announced a collaboration in the domain [16,17]. This was followed by IBM's announcement of the "Blue Cloud" effort [18]. Since then everyone is talking about "Cloud Computing". Of course, there also is the inevitable Wikipedia entry [19].

It is conceivable that August 24, 2006 will go down as the birthday of Cloud Computing, as it was on this day that Amazon made the test version of its Elastic Computing Cloud (EC2) public [Business Week 2006]. This offer, providing flexible IT resources (computing capacity), marks a definitive milestone in dynamic business relations between IT users and providers. The term first became popular in 2007, to which the first entry in the English Wikipedia from March 3, 2007 attests, which, again significantly, contained a reference to utility computing. Today, Cloud Computing generates over 10.3 million matches on Google. The scope of Cloud Computing grew from simple infrastructure services such as storage and calculation resources to include applications. However, this meant that forerunners such as application service providing

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Would also henceforth be included under the designation of Cloud Computing.

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Today's Education System Joseph Ling is an extension of the concept of distributed computing – which is the process of an extension over many computers connected by a network. The Internet makes this cloud computing application over for the general user. NIST (US National Institute of Standards and program or applications application of the general user. Standards and cloud computing as:

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graphication of the concept of distributed computing – which is the process of computing is an extension over many computers connected by a network. The Internet makes the process of cloud computing or application or the general user. NIST (US National internet makes the process of cloud computing as: and a compared compared compared compared computing of a process of cloud compared c

process logy) defines cloud computing as: process to a shared pool of configurable networks, servers, storage, applications, and services) that can be remitted to the process of the process of the configurable networks are the process of the configurable networks are the process of the configurable resources (e.g., networks, servers, storage, applications, and services) that can be remitted and released with minimal management effort or service provider into the process of the configurable and released with minimal management effort or service provider into the configurable and released with minimal management effort or service provider into the configurable and released with minimal management effort or service provider into the configurable and released with minimal management effort or service provider into the configurable and released with minimal management effort or service provider into the configurable and released with minimal management effort or service provider into the configurable and released with minimal management effort or service provider into the configurable and released with minimal management effort or service provider into the configurable and released with minimal management effort or service provider into the configurable and released with minimal management effort or service provider into the configurable and released with minimal management effort or service provider into the configurable and the configura

properties and ubiquitous, convenient, on-demand network access to a shared pool of configurable networks, servers, storage, applications, and services) that can be rapidly a model for enabling with minimal management effort or service provider interaction.

The properties of the provided in the provi model for energy (e.g., networks, servers, storage, applications, and services) that minimal management effort or service provider interaction.

Internet-based computing in which shared resources, software that computers or mobile devices can accompanied as a service that computers or low provisioned as a service provider interaction. resource with minimal management effort or service provider interaction".

The services of that can be rapidly and released with minimal management effort or service provider interaction.

The services of that can be rapidly in education in which shared resources, software and information and computing is Internet-based computing or mobile devices can access on demand. Cloud computed as a service that computers or low-cost cloud-based computing in education. Free or low-cost cloud-based computing is Internet-based computing in which shared resources, software and information movisioned as service that computers or mobile devices can access on demand. Cloud computing is computing is education. Free or low-cost cloud-based services are used daily by learners and delivered as a service in education, content creation, publishing and delivered extensively in education. Free or low-cost cloud-based services are used daily by learners and delivered extensively in education, content creation, publishing and delivered extensively include Google Apps. YouTube Training, social interaction, content creation, publishing and delivered extensively include Google Apps. YouTube Training and delivered extensively include Google Apps. provision Cloud considers of mobile devices can access on demand. Cloud computing is a service that computers of low-cost cloud-based services are used daily by learners and delivered as a servicely in education, content creation, publishing and collaboration. Examples of delivered extensively in education, YouTube, Twitter and Drop box and delivered extensively include Google Apps, YouTube, Twitter and Drop box and delivered include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services include Google Apps, YouTube, Twitter and Drop box and delivered services and delivered services and delivered services and delivered services are delivered services and delivered services are delivered service delivered as a social interaction, content creation, publishing and collaboration. Examples of a learning, social interaction, content creation, publishing and collaboration. Examples of a learning support learning, social interaction, Twitter and Drop box. already use support learning, social interaction, content creation, publishing already to support include Google Apps, YouTube, Twitter and Drop box.

Different types of services provides by the cloud are:

Note types of service (SaaS): Anytime Anywhere apps. This is currently most popular in education. Not software as a Service (SaaS): Apps for Education and M:

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Note the sexamples are Google Apps for Education and M: pifferent of a Service (Saas). Anythme Anywhere apps. This is currently most popular in education. Not Software as a Service (Saas). Anythme Anywhere apps. This is currently most popular in education. Not software as a Service (Saas). Anythme Anywhere apps. This is currently most popular in education. Not software as a Service (Saas). Anythme Anywhere apps. This is currently most popular in education. Not software as a Service (Saas). Anythme Anywhere apps. This is currently most popular in education. Not software as a Service (Saas). Anythme Anywhere apps. This is currently most popular in education. Not software as a Service (Saas). Anythme Anywhere apps. This is currently most popular in education. Not software as a Service (Saas). Anythme Anywhere apps. This is currently most popular in education. Not software as a Service (Saas). Anythme Anywhere apps. This is currently most popular in education. Not software as a Service (Saas). Anythme Anywhere apps. This is currently most popular in education. Not software as a Service (Saas). Anythme Anywhere apps. This is currently most popular in education. Not software as a Service (Saas). Anythme Anythme Anywhere apps. This is currently most popular in education. Not software as a Service (Saas). Anythme Software stored in the cloud but the application too, with the user requiring only a web browser. The are Google Apps for Education and MicrosoftLive@edu which provide examples are google applications such as email and spreadsheets.

The operating environment in which provide application and office applications and office application and office application and office application and office applications such as email and spreadsheets.

only known examples are Gougle Apps for Education and I hest known and office applications such as email and spreadsheets.

The operating environment is communication as a Service (PaaS): The operating environment is communication as a Service (PaaS): known and office applications such as email and spreadsheets.

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kspace Cloud services.

Kspace Cloud service (IaaS): The on-demand data centers. Here customers can rent basic Infrastructure as a Service (IaaS): and storage, and use them to run their own court. Racker (1200). The on-demand data centers. Here customers can rent basic infrastructure as a processors and storage, and use them to run their own operating systems and computing resourcessuch as processors and the service provides all the capacity you peed to be a processor. You pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use, and the service provides all the capacity you pay for only what you use the provides all the capacity you have the provides all the provides all the capacity you have the provides omputing resourcessuch as processors and storage, and use them to run their own operating systems and remove applications. You pay for only what you use, and the service provides all the capacity you need, but you're applications. You pay for managing, and patching your on-demand infrastructure. One his capacity is applications. applications. You pay for only what you use, and the service provides all the capacity you need, but you're applications. You pay for only what you use, and patching your on-demand infrastructure. One big advantage of responsible for monitoring, managing, and patching you to install new equipment as a cloud-based data center without requiring you to install new equipment. responsible for monitoring, managing, and patering your on-demand infrastructure. One big advantage of responsible for monitoring, managing, and patering your on-demand infrastructure. One big advantage of responsible for monitoring, managing, and patering your on-demand infrastructure. One big advantage of responsible for monitoring, managing, and patering your on-demand infrastructure. One big advantage of responsible for monitoring, managing, and patering your on-demand infrastructure. One big advantage of responsible for monitoring, managing, and patering your on-demand infrastructure. laas is that it offers a cloud based data center without requiring you to install new equipment or to wait for the hardware procurement process. This means one can get IT resources at his school, college of university the hardware procurement process. For example the Amazon's Flastic Compute Clauding might not be available. For example the Amazon's Flastic Compute Clauding might not be available. the hardware procurement process. This means one can get IT resources at his school, college of university that otherwise might not be available. For example the Amazon's Elastic Compute Cloud; organization can that otherwise might not be available. For example the Amazon's elastic Compute Cloud; organization can that otherwise might not be available. For example the Amazon's Elastic Compute Cloud; or use this infrastructure to run Linux servers on virtual machines and scale up usage as required.

Most of the private educational institutions have become highly dependent on information Most of the private educational institutions have become nightly dependent on information technology to service their requirements. These services are increasingly provided using Internet technology to service then requirements. These services are increasingly provided using internet technologies to faculty and students and accessed from web browsers. The services are offered cheaply or technologies to faculty and students and accessed from web browsers. The services are offered cheaply of freely to education, often with much higher availability than can be provided by the educational institution. freely to education, often when the majority of educational services will be hosted in the cloud and institutions no longer host their own data centers with expensive hardware, power bills, staff salaries and computing resources which are rarely fully utilized? This policy brief has analyzed some of the emerging benefits and challenges of cloud computing for the educational sector. But in most of the government schools and colleges in India IT plays very limited role. Most of the work is done manually from attendance to, classroom teaching to examination system.

Cloud computing technology can provide solutions for the above mentioned problems in education Implementation of cloud technology in education system system. Cloud computing enables users to control and access data via the Internet. The main users of a typical higher education cloud include students, Faculty, administrative staff, Examination Branch and Admission D Admission Branch as shown in Figure 1. All the main users of the institution are connected to the cloud

Todays Education System: Problems & Remedies

Todays Education System: Problems & Remediate Work. Teachers can upload their Separate login is provided for all the users for their respective work. Teachers can upload their Separate login is provided for all the users for their respective work. Teachers can upload their Separate login is provided for all the users for their respective work. Separate login is provided for all the users for their respective will be able to access all their their Tutorials, assignments, and tests on the cloud server which students will be able to access all the leading their trutorials, assignments, and tests on the cloud server which students and other electronic devices both at heading Separate login is provided for an use cloud server which students. Tutorials, assignments, and tests on the cloud server which students and other electronic devices both at home material provided by the teachers via Internet using computers and other electronic devices both at home material provided by the teachers via Internet using computers and other electronic devices both at home material provided by the teachers via Internet using computers and other electronic devices both at home material provided by the teachers via Internet using computers and other electronic devices both at home material provided by the teachers via Internet using computers and other electronic devices both at home material provided by the teachers via Internet using computers and other electronic devices both at home material provided by the teachers via Internet using computers and other electronic devices both at home material provided by the teachers via Internet using computers and other electronic devices both at home material provided by the teachers via Internet using computers and other electronic devices both at home material provided by the teachers via Internet using computers and other electronic devices both at home material provided by the teachers via Internet using computers. material provided by the teachers via Internet using computers and other to identify problem areas in while and 24X7. The education system will make it possible for teachers to identify problem areas in while also allow to while all the college and 24X7. The education system will make it possible for teaching so, it will also allow leading students tend to make mistakes, by analyzing students' study records. In doing so, it will also allow leading to improve teaching materials and methods.

This will not only make it possible for students to use online teaching materials during class but the This will not only make it possible for students to use of the control of the control of the control of operation because servers and learning materials at home, using them to prepare for and review lessons. Utilization will also be able to access these materials at home, using them to propose and learning materials of cloud computing systems will reduce the cost of operation because servers and learning materials as shared with other colleges.

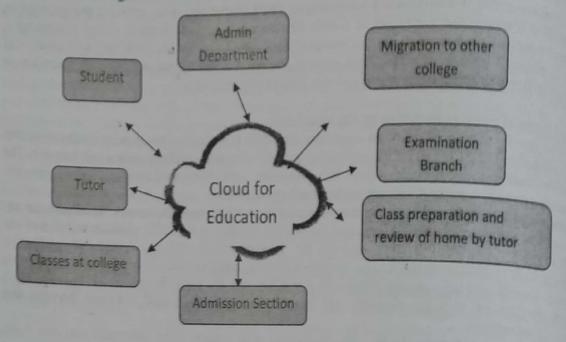
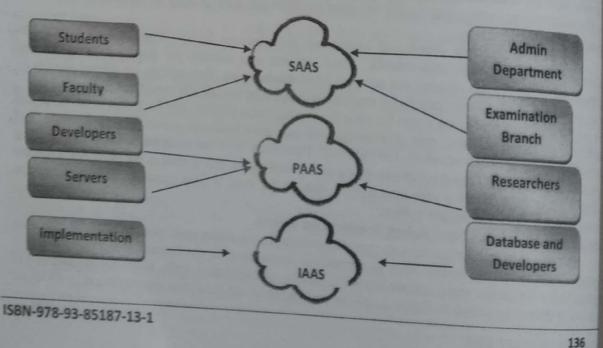


Fig. 1: Services attached to education cloud

In the traditional deployment model, all Information Technology resources are housed and managed in-house. Many aspects of these services and tools may be migrated to the cloud and consumed directly over

functional applications (SaaS), development platforms (PaaS) or raw computing resources (laaS). Figure 2 shows how the different categories of university users may consume cloud services.



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making more on worrying about the buildings, labs, teachers etc.

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The cloud allows us to access our work data, information anywhere, anytime and share it with The croud and the requirement of a particular machine to access a file or an application like a anyone. It frees us from the requirement of a particular machine to access a file or an application like a anyone. It frees us those successful a paraction nate one to access a file or an application like a word processor or spreadsheet program. In the present paper a cloud education system is introduced and word processor bow it is beneficial for students, faculty and the educational increase is introduced and word processor or specific all for students, faculty and the educational institutes for providing quality

- I. G.M. Muriithi, J.E.Kotze, "Cloud computing in higher education: implications for South African public G.M. Muritan, Territorial Conference on World Wide Web universities and FET colleges", Proceedings of the 14th Annual Conference on World Wide Web Applications Durban, 7-9 November 2012 (http://www.zaw3.co.za) ISBN: 978-0-620-55590-6
- Sunita Manro, Jagmohan Singh, Rajan Maro, "Cloud Computing in Education: Make India Bener with the Emerging Trends", High Performance Architecture and Grid Computing Communications in Computer and Information Science Volume 169, 2011, pp 131-139.
- Gaurav Bhatia, Mohnish Anand, Priya Shrivastava," Cloud Computing Technology In Education System", International Journal of Advanced Technology & Engineering Research (IJATER),
- 4. Buyya, R. et al (2009). Cloud Computing and emerging IT platforms: Vision, Hype and reality for delivering computing dawn? new Education: for
- http://www.buyya.com/papers/Cloud-FGCS2009.pdf Computing http://www.sciencedirect.com/science/article/pii/S0258401209001170 Cloud
- 6. https://education.alberta.ca/media/6884876/final%20cloud%20computing%20tech%20briefing.pdf http://www.thehindu.com/features/education/college-and-university/computing-in-the-

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Todays Education System: Problems & Remedies

- cloud/article5433501.ece
- 8. http://educationinjapan.wordpress.com/2014/01/06/yomiuri-shimbun-cloud-computing-to-be-used-in-9. http://iite.unesco.org/pics/publications/en/files/3214674.pdf.
- 10. www.microsoft.com/educloud.
- 10. www.microsoft.com/educloud.

 11. Mladen A. Vouk," Cloud Computing Issues, Research and Implementations ",Journal of Computer 235-246 doi:10.2498/cit.1001391
- and Information Technology CIT 16, 2008, 4, 235–246 doi:10.2450/cit.100.13.

 White Paper Cloud Computing, Alternative sourcing strategy for business ICT. Published by:T-System 50, 60325 Frankfurt, Germany.
- Amazon Elastic Compute Cloud (EC2): http://www.amazon.com/gp/browse.html? node=201590011
 - news/pressrelease/2494970110.html
- com/industries/education/doc/content 15. E.NAONE, "Computer 2007,http://www.technologyreview.com/printer in Cloud". Technology, Review, COMPUTING LABORATORY, VCL, http://vcl.ncsu.edu, on-line since Summer 2004. article.aspx?id=19397
- 16. S.LOHR, "Google and I.B.M. Join in 'Cloud Computing' 92a8c77c354521ba&ex=1349582400&oref=slogin&partner=rssnyt&emc=rss& pagewanted=print
- 17. IBM, "Google and IBM Announced University Initiative to Address Internet-Scale Computers of the Computer o
 - October 8, 2007, http://www-03.ibm.com/press/us/en/pressrelease/22414.wss
- 18. IBM, "IBM Introduces 03.ibm.com/press/us/en/pressrelease/22613.wss, November 15,2007. Ready-to-Use Computing", http://www
- 19. WIKIPEDIA, "Cloud Computing", http://en.wikipedia.org/wiki/Cloud computing, May 2008.