The Fog over the Grimpen Mire: Cloud Computing and the Law

This paper at [http://www.hpl.hp.com/techreports/2009/HPL-2009-99.pdf](http://www.hpl.hp.com/techreports/2009/HPL-2009-99.pdf) is about legal questions connected with cloud computing, the business trend in which computation is carried out on behalf of a user on remote machines, using software accessed through the Internet. The user may not know where these machines are; they are "somewhere in the cloud". Some of these legal issues will be resolved by standard agreements between buyers and vendors. I will give some examples from current agreements from prominent cloud service providers. Other issues will probably end up in court. It makes sense to consider these questions now, before they become urgent.

Building A Hospital Out Of Bits And Bricks

Designers have torn through massive amounts of information to construct a San Francisco hospital-- before the foundation is laid. Khanzode, the director of virtual construction for general contractor DPR Construction of Redwood City, Calif., is one of 120 people from 30 different companies who have spent the past 16 months virtually building a new 878,000-square-foot medical center for the University of California, San Francisco. Physical construction of the project won't begin until December. Completion is slated for June 2014. By building the medical center first in detailed 3-D graphic computer files, the designer and builders can discover problems when they're easier and cheaper to solve. Already DPR and its collaborators say they have shaved five months off the schedule and $100 million from the budget. Read this interesting case study article at [http://bit.ly/bo7PxW](http://bit.ly/bo7PxW)

Security Starts in the Cloud

This Aberdeen Group report at [http://bit.ly/b2CxaA](http://bit.ly/b2CxaA) addresses how the cloud can render web applications more secure, more compliant and less expensive. It reveals how users of cloud-based web security have achieved substantially better results than users of on-premise web security. In short it shows the numerous benefits of security in the cloud for your organization.

Project 10^100

Last year, Google had launched the Project 10^100, a call for ideas to change the world by helping as many people as possible. The response was overwhelming. Thousands of people from more than 170 countries submitted more than 150,000 (or around 10^5.2) ideas, from general investment suggestions to specific implementation proposals. The short listed 16 projects are at [http://www.project10tothe100.com/intl/EN_GB/ideas.html](http://www.project10tothe100.com/intl/EN_GB/ideas.html) and the final five projects which are funded to the tune of USD 10 million are at [http://www.project10tothe100.com/intl/EN_GB/index.html](http://www.project10tothe100.com/intl/EN_GB/index.html)

Virtualization Management: 5 Tools That Matter Most

Now, virtual servers outnumber the physical in most data centers. And neither budgets nor toolboxes are over-provisioned with resources for fine-tuning virtual infrastructures. Companies expanding beyond the pilot phase and moving into large-scale server or desktop virtualization need to realize that utilities from third parties--not just the platform vendors--are what will help them make virtual infrastructures as stable as the real ones, some analysts say. Read the full article at [http://www.cio.in/article/virtualization-management-5-tools-matter-most](http://www.cio.in/article/virtualization-management-5-tools-matter-most)

Seven Firefox Plug-ins That Improve Online Privacy

Firefox isn't just a killer app; it's also a pillar of the Internet community. When it comes to security and privacy, the Firefox picture is compelling, with over 600 plug-ins related to privacy and security. Acknowledging the current state of privacy and security, these plug-ins are a welcome addition to any browsing experience. Full story at [http://www.cio.in/article/seven-firefox-plug-ins-improve-online-privacy](http://www.cio.in/article/seven-firefox-plug-ins-improve-online-privacy)
10 Steps to Easier Access Management

A CISO who spent two years organizing identity and access management for the 15,000 users on his network boiled the whole experience down into a 10-step process he presented at the Security Standard Conference this week. Read it at http://www.cio.in/article/10-steps-easier-access-management

Information Security and the Balanced Scorecard

For some organizations, the what-if threat is less nebulous. Take, for example, Google. Between its January 13 threat to cease operations in China and early April, the search giant lost almost $7.5 billion (about Rs.33,750 crores) in market value. Both the NASDAQ and S&P 500 composites rose about 5 percent over the same period, and our research has turned up no other significant negative events for Google during this time, which suggests that this escalating disagreement led to their capital loss. This case and numerous others show that poor information security can destroy value, in terms of both lost shareholder confidence and future growth. And as the TJX Companies learned from a well-publicized 2005 breach, poor information security can also result in costly legal repercussions. Read the full story at http://www.cio.in/article/information-security-and-balanced-scorecard

U.S. Explores Transformative Future Internet Architectures

The National Science Foundation (NSF) has awarded $32 million to four research groups exploring ways to leapfrog incremental changes to the Internet. These projects include transformative future Internet architectures that address today's pressing social, economic and legal issues, and that smartly balance network security against personal privacy. Read the story at http://bit.ly/9lBsJ5

RFID-Fitted Recycling Bins Enforce Environmental Laws

Residents of Cleveland will soon be getting high-tech bins to track how often they recycle cans, bottles, papers and other materials. If users are caught dumping these items into the trash, they'll receive a hefty fine. Read the full story at http://bit.ly/dkwsNO

FAQ: IT and organizational change management

The business relies on IT to play an integral role in any kind of change. If there's an organizational change taking place, it's the CIO's role to make sure the technology strategy and operations in IT align with the change and support the organizational change management strategy. If the change involves IT infrastructure or other IT change management efforts, "the CIO should be running the show," said James Champy, author and chairman of Perot Systems Corp. In this FAQ, at http://bit.ly/aJ9fKi learn more about organizational and IT change management, what ITIL change management is and the types of change management software and tools available to IT organizations today.

FAQ: Agile practices and their role in software development

Agile practices, which emphasize iterative software design and development, allow teams to release software features at frequent intervals. The Agile methodology thus differs from the more traditional waterfall model, which involves gathering all requirements up front and delivering one finished software application at the end. In these changing business times, some companies have converted from waterfall to Agile because of its flexible processes and ability to continuously improve products during the development lifecycle. Using Agile practices, companies also spend less money on functionality. According to Dave West, senior analyst at Forrester Research Inc., 50% to 70% of all software requirements are barely used. Agile allows cross-functional teams to build the first 10% of requirements -- those that offer the most business value -- and then ask the project sponsor what else they want to add. Doing software development this way, "companies spend a lot less on functionality," said West. In this FAQ, at http://bit.ly/edonrread more about the various types of Agile methodologies, what tools are available and how Agile is used for architecture projects.

IFRS compliance guide for the Indian CIO

Over the next couple of years, Indian businesses will have to follow two sets of accounting standards. One is the current Indian accounting standard which we are already used to – Accounting Standard 29 and the International Financial Reporting Standards (IFRS) converged accounting standard which will be known as IN AS. While IFRS compliance promises a converged standard of global levels, the following points need to be considered with regard to the impact of its implementation. Read the full story at http://bit.ly/advK1A
Top 10 terms every parent of teenagers should know

The webpage at http://www.computerhope.com/tips/tip81.htm lists the top terms or lingo that parents of teenagers should know. Knowing these terms can help one to relate more with their child as well as help identify why they may be hiding something from you.

Examples of different Marketing Terms

- You see a gorgeous girl at a party. You go up to her and say: “I am very rich. “Marry me!” -- That’s Direct Marketing…”
- You’re at a party with a bunch of friends and see a gorgeous girl. One of your friends goes up to her and pointing at you says: “He’s very rich.”Marry him.” -- That’s Advertising…”
- You see a gorgeous girl at a party. You go up to her and get her telephone number. The next day, you call and say: “Hi, I’m very rich. “Marry me -- That’s Telemarketing…”
- You’re at a party and see gorgeous girl. You get up and straighten your tie, you walk up to her and pour her a drink, you open the door (of the car) and ask “Marry Me?” -- That’s Public Relations…”
- You’re at a party and see gorgeous girl. She walks up to you and says:”You are very rich! “Can you marry me?” -- That’s Brand Recognition…”
- You see a gorgeous girl at a party. You go up to her and say: “I am very rich. Marry me!” She gives you a nice hard slap on your face. -- “That’s Customer Feedback…”
- You see a gorgeous girl at a party. You go up to her and say: “I am very rich. Marry me!” And she introduces you to her husband. -- “That’s demand and supply gap…”
- You see a gorgeous girl at a party. You go up to her and before you say anything, another person come and tell her: “I’m rich. Will you marry me?” and she goes with him -- “That’s competition eating into your market share…”
- You see a gorgeous girl at a party. You go up to her and before you say: “I’m rich, Marry me!” your wife arrives. -- “That’s restriction for entering new markets…”

ICT News Headlines & Briefs

- Cloud can be alternative to offshoring: Forrester.
- Bharti Airtel gets RBI nod to start mobile payment services.
- GSM operators added 13.5 million mobile subscribers in Aug 2010 taking the total to 481 m.
- Economic uncertainty in US prompting ‘short-term deals’.
- EMC has opened its second Global Command Centre (GCC) and Critical Incident Response Centre (CIRC) at its India Centre of Excellence (CoE) at Bangalore.
- India should start dealing with large economies as “equals” and propose a services pact with the US which allows both nations to set aside specified number of visas (say 20,000 visas) for professionals from the other side, the Infosys HR Director.
- Pune-based Kumar Urban Development will build an IT-SEZ project on 13.5 acres near the first phase of the Rajiv Gandhi Info Tech Park at a cost of Rs. 1000 cr.
- AP to set up IT SEZs in Warangal, Nalagonda.
- CSS will come out with IPO in India.
- BSE launches mobile trading.
- Moser Baer to increase its’ photovoltaic capacity to 460 MW by 2012.
- Chandrashekhar (the current Secy, DIT) is new DoT Secretary.
- ‘IT debt' (Maintenance Backlog) of organisations grows to $500 b: Gartner.
- IBM in talks with telcos to make Spoken Web a reality.
- Towers do not pose health risks, says telecom industry.
- BPO co WNS to add 1,000 seats each in Chennai, Mumbai.
- ‘Campaign for no UID’ flags privacy concerns.
- Mahindra Satyam loss totals Rs 8,300 cr for FY09, FY10.
- Tax holiday extension ruled out for software technology park units
- BlackBerry-maker expresses inability to give access to enterprise e-mail.
- Aircel to invest $500 m for initial 3G roll-out.
- Huge opportunity for cloud in Indian healthcare as the current IT spending at $191 m set to rise to $1.5 b in 2020.
- Anti-offshoring Bill was ‘voted out’

Announcements

- For CSI Calendar of Events, pl. visit http://www.csi-india.org/web/csi/september-calendar
• Project Proposals are invited from faculty Members and Students under the scheme of R&D Funding for the year 2010-11 by CSI. For details, visit www.csi-india.org
• To get the conf. proceedings of IFIP Networking 2010: International Conference on Networking hosted by IIT Madras and CSI during 10-14, May 2010, pl. contact Mr. S. Ramasamy at sypsys@md5.vsnl.net.in
• To join CSI as a member, pl. visit http://www.csi-india.org/web/csi/membership
• If you are interested in talking on your area of competence at CSI chapters, pl. register as a distinguished speaker at http://www.csi-india.org/web/csi/email

Call For Papers
• NCMAN-2010: National Conference on Mobile and Ad Hoc Networks. 29-30, Oct 2010 at Coimbatore. Last date: 4th Oct 2010. Contact: Dr. A. Rathinavelu at ncmman@drmcet.ac.in or starvee@drmcet.ac.in
• NCTCA-10: National Conference on Theoretical Computer Science and Applications. 25-26, Nov 2010 at Chennai. Last date: 15th Oct 2010. Contact: Ms. M. Sandhya at nctca201@gmail.com

IT Events
• Workshop on “Cryptography. 8-9, Oct 2010. For regn. Contact: admn.officer@csi-india.org
• If you are interested in organizing a workshop on “Embedded Robotics” in your college with the support of CSI Education Directorate, pl. get in touch with Yogendra Kumar, Assistant Manager, CSI-ED, Chennai, Ph: 09444267101. Email: Yogendra.gahlaut@csi-india.org

InfoQuiz–2010-10-01
1. State the first UID no. recently allotted at the Tembhli village in Maharashtra
2. ----- is the official name of BlackPad from RIM
3. ----- is the trade group which represents a number of software makers and aims to stop copyright infringement of software produced by its members
4. Identify the company whose Tagline is “Delighting You Always”
5. Who has co-authored the book “The March of Mobile Money” with Mehul Desai

Email your answers by 12th Oct 2010 to csi.infoquiz@gmail.com with subject “infoquiz-2010-10-01”. Please provide your full address and contact phone nos. after the answers. The first person to answer correctly and one randomly selected lucky winner will be awarded Rs. 500/= each by SRA Systems (www.srasys.com). Answers along with the winner info will be published in the next issue.

Answers & Winners of InfoQuiz-2010-09-16
• Ping, BlackPad, BSNL 3G, Knol, Nicholas Negroponte
• Mr. K.K. Prasad from Bangalore is the first one to answer correctly and Ms. V. Meera from Coimbatore is the lucky winner. They will receive a cheque for Rs. 500/= from SRA Systems shortly.

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