(ISC)² Resource Guide for Today’s Information Security Professional

The (ISC)² Resource Guide at https://resourceguide.isc2.org/ has been considered by information security professionals and managers as the indispensable source for educational and networking information. This online tool has become a valuable resource to those who work in the information security field and want to reference content quickly and easily from the Internet. It provides professionals access to dynamic and up-to-date details on events, education resources, professional associations and online sites, as well as the ability to conduct keyword searches of hundreds of entries.

The Internet of Things

More objects are becoming embedded with sensors and gaining the ability to communicate. The resulting information networks promise to create new business models, improve business processes, and reduce costs and risks. Read the article published in McKinsey Quarterly at http://bit.ly/fb8RPy

How IT is managing new demands: McKinsey Global Survey results

In this business technology survey, executives say they want more immediate value from IT and forward-looking strategies from technology leaders that support growth and innovation. Read the article published in McKinsey Quarterly at http://bit.ly/eGDpB2

Implementing Managed Print Service Globally

The beginning of any managed print services (MPS) deployment can be challenging, even more so when done for a company with many locations around the globe. Typically, global MPS deals are very complex because of different geographies, different requirements, different localizations, different print distribution methods, different pricing structures, different currency conversions, and different labor laws. This white paper sponsored by HP and available at http://bit.ly/hRDW3Q explains how high-level key services, such as workshops, financing and procurement, transition and implementation, management and support, and document workflow, can ease the pain of global MPS deployment.

The Philosophy of Security

Security is often looked at from the perspective of fear, but a holistic approach can prove more effective. This paper explains how to find more meaningful ways of using technology to achieve an effective security strategy. Learn from this white paper sponsored by HP and available at http://bit.ly/gmMf7k how to apply basic philosophical approaches to your organization's security.

HTML5 Deep Dive

The draft HTML5 Web specification has already found its way into most desktop and mobile browsers, even the standard remains under development. That fact creates opportunity for Web and mobile developers to get a leg up on the more powerful version of HTML today, but it also means more complexity for managing Web apps that IT offers. This Deep Dive at http://bit.ly/hwO0ln shows what you can do today with HTML5 without having version overload, for both desktop and mobile Web apps.

Office 2010 QuickStart Guides

These concise visual guides let you refine how you work with the latest versions of Excel, Outlook, PowerPoint, and Word. It's been a long time since the last Microsoft Office revision, and it can be hard to imagine what new capabilities Microsoft could possibly add to the 20-year-old suite. But even after 20 years, Microsoft is finding useful capabilities to add to Word, Excel, PowerPoint, and Outlook. These four QuickStart Guides from InfoWorld contributing editor J. Peter Bruzzese and his training firm Clip Training cover the key new capabilities in each major Office 2010 application, so you can take immediate advantage of them. Read it at http://bit.ly/eDyXtX

A plea from sysadmins to software vendors: 10 do's and don'ts

A panel discussion at the Computer-Human Interaction for Management of Information Technology (CHIMIT) 2009 conference focused on a number of do's and don'ts for software vendors looking to make software that is easy to install, maintain, and upgrade. This article highlights some of the issues uncovered at that meeting. Read it at http://goo.gl/olAsd
Swadeshi Software and Swaraj
India needs to harness its software self-reliance to attain true Swaraj. It should not be seen as a herculean task when world’s largest economies rely on our technology talent to put their systems in place, says Deepak B Phatak in this article at http://goo.gl/e5A11

Re-imagining India (with apologies to Nandan Nilekani)
We need to deconstruct power and thus reconstruct India from the lower rungs of economy, of administration and of capability, argues development economist Devaki Jain in this article at http://goo.gl/rDRAt

The Collection of Computer Science Bibliographies
This is a collection of bibliographies of scientific literature in computer science from various sources, covering most aspects of computer science. The bibliographies are updated weekly from their original locations such that you'll always find the most recent versions here. The collection currently (as on Apr 2011) contains more than 6 million references (mostly to journal articles, conference papers and technical reports), clustered in about 1500 bibliographies. More than 600 000 references contain cross references to citing or cited publications. More than 3 million of references contain URLs to an online version of the paper. Abstracts are available for more than 1.7 million entries. There are more than 2000 links to other sites carrying bibliographic information. Access it at http://goo.gl/r3suJ

Successful Strategies for IPv6 Rollouts. Really
The IPv6 format is not backwards compatible with IPv4 since an IPv4-only host doesn't have the 128 bits of address space needed to refer to an IPv6-only destination. It is therefore necessary to implement a dual-stack design that allows hosts to speak to either protocol for the period that both are in use. Eventually, address space will not be available for additional IPv4 hosts, and IPv6-only hosts will become necessary. Hopefully, ISPs will be able to implement IPv6 support before the actual exhaustion of IPv4 addresses, but it will be necessary to allow for dual-mode operation for some years to come. Read the article written by Thomas A. Limoncelli, Google, with an introduction by Vinton Cerf, the co-inventor of TCP/IP at http://goo.gl/JaAe1

System Administration Soft Skills
System administration can be both stressful and rewarding. Stress generally comes from outside factors such as conflict between SAs (system administrators) and their colleagues, a lack of resources, a high-interrupt environment, conflicting priorities, and SAs being held responsible for failures outside their control. What can SAs and their managers do to alleviate the stress? There are some well-known interpersonal and time-management techniques that can help, but these can be forgotten in times of crisis or just through force of habit. The purpose of this article is to restate these maxims and remind readers of these important soft skills, particularly as they apply to SAs. Read it at http://goo.gl/Q1NnU

Cyber Terrorism Some Legal Perspectives
The advent of technology always brings in a mixed bag of results. While there is large number of advantages of new technologies, yet at the same time, new technologies provide adequate fertile platform for criminal minds to exploit the same for vested criminal designs and intentions, cautions Pavan Duggal in this article at http://goo.gl/xzu3B

20 Great UX Blogs for Web Designers
Usability and user experience (UX) are often underestimated by web designers but if you want your sites to have a professional touch as well as keeping your visitors happy, you can't afford not to pay attention to usability and its principles. There are many thick books on usability and user experience but if you want to stay on top of UX news, at all times, you'd better read the blogs that define the usability standards and principles of today. Read it at http://goo.gl/mlcTg

India's 2011 TR35: Top Innovators Under 35
Since 1999, the editors of Technology Review have honored the young innovators whose inventions and research found most exciting; today that collection is the TR35, a list of technologists and scientists, all under the age of 35. In 2010, India TR35 list that recognizes the outstanding innovators under the age of 35 for their continuing work in India that has the highest impact locally and globally. Read at http://goo.gl/CPNN6 about the innovators in India whose work--spanning medicine, computing, communications, electronics, nanotechnology, and more--is changing our world.

Video: Wikipedia Architecture
Ryan Lane, Operations Engineer at Wikimedia Foundation, gives a detailed presentation of the infrastructure of one of the top web presences. View this 58.41 min video at http://goo.gl/aipm7
Random Thoughts

- There is only one difference between Dream and Aim. Dream requires effortless sleep. Whereas, Aim Requires sleepless efforts.
- Good decisions come from experience. But experience comes from bad decisions. This is life. So, never regret. Learn from mistakes and go ahead.
- In cat and mouse run, mouse mostly wins, because cat runs for the food and mouse for life. The fear of loss is always a better motivation than the desire of gain.
- Never break four things in your life; Trust, Promise, Relationship and Heart. Because when they break, they don’t make noise but pain a lot.
- Never ever reject any girls in your life..! Because, a good girl gives you happiness and a bad girl gives you experience!
- An old man’s T Shirt Quote: “I am not 60… I am 16 with 44 years of EXPERIENCE”. Think Different, Problems common to all but Attitude makes Difference.
- If your father is a poor man, It is your fate but, If your father-in-law is a poor man, it’s your stupidity.
- Sweeter Sides of Life: Boy Friend is like a chocolate, “Taste good always.” Girl Friend is like Pizza, Hot’ n’Spicy, “Delicious anytime.” Wife is like the refrigerated left overs, “Eaten when no choice.” Husband is like a cooled off Tea in a cup, “Headache on sip.”

Announcements

- To join CSI as a member, pl. visit [http://www.csi-india.org/web/csi/membership](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](http://www.csi-india.org/web/csi/email)
- For APNIC Fellowship awards to enable people from developing economies to attend the APNIC 32 Conference during Aug 28 - Sep 1, 2011 at Busan, South Korea, pl. visit [http://meetings.apnic.net/32/fellowship](http://meetings.apnic.net/32/fellowship).

ICT Events

- Workshop on Cyber Crimes: Safe & Secur-e-Banking. 11th Jun 2011 at Chennai. Organised by CySI in association with CSI Div IV, Chennai Chapter & IEEE CS Madras Chapter. Contact: Email: venkrajnen@yahoo.com Mobile: 9444073849
- ReSYM-11: Research Symposium on Pervasive Computing and its Underlying Technologies. 15-16, Sep 2011, Chennai, Contact: Dr. A. Balaji Ganesh, Ph: +91-44-26591860 ; Mobile:09842791925 ; E-Mail: resym11@gmail.com & abganesh@velammal.edu.in
- Emerging trends in Information and Communication Technologies. 14-15, Oct 2011 at Hyderabad. Organised by: Guru Nanak Institutions, Ibrahimpatnam, Hyderabad in association with CSI Div IV and Hyderabad Chapter. contact: Dr. D.D. Sarma, Convener, & Director, Guru Nanak Inst., of P.G. Studies. Email: desarma18@yahoo.com OR H.R. Mohan, Chairman, Div IV, CSI Email: hrmohan.csi@gmail.com

ICT News: Voices & Views

- According to TRAI, the demand for telecom equipment in India was Rs 54,765 cr in 2009-10, about 5.5% of the global demand. It is projected to grow to Rs 96,514 cr in 2015 and Rs 1,70,091 cr in 2020.
- The Indian semi-conductor market has grown at 28.3% in 2010 to $6.55 b up from $5.11 b in 2009 and $5.9 b in 2008.
- BSNL which recorded a net profit of over Rs 10,000 cr in 2005-06, had posted a net loss of Rs 1,823 cr on revenue of Rs 32,046 cr in 2009-10 and is expected to post a net loss of Rs 2,725 cr on revenue of Rs 31,738 cr in 2010-11.
- India is ranked a poor 21, among 25 developing countries in terms of connectivity while Malaysia and Chile top this category, Sweden has the best score at the global level.
- The desktop and mobile PC market in India grew by 6.2% to nearly 2.6 m units in Q1 of 2011 according to Gartner.
• According to Nasscom, the Legal Process Outsourcing (LPO) segment is expected to touch $15 billion by 2015.
• Zinnov Management Consulting estimates that the market for R&D offshoring to India, which stood at $11.8 b in 2010, is expected to grow to $13.1 b in 2011.
• According to Symantec, the Internet attacks have jumped to 286 m in 2010 from 1.6 m attacks in 2008. The average cost of attack on critical infrastructure was estimated at $8,50,000. The average cost to resolve a data breach in 2010 was estimated at $7.2 m.
• According to Mr Sachin Pilot, the Minister of State for Communications & Information Technology, the country's electronic hardware industry which is $40 b today would become $400 b in the next five years.

ICT News: Manpower, Staffing & Top Moves
• Infosys appoints veteran banker Mr K.V. Kamath as the new Chairman of the Board. Mr N.R. Narayana Murthy has been made Chairman Emeritus for life.
• Mr Rajendra Pawar, Chairman and co-founder of NIIT Tech, has been appointed as the new Chairman of Nasscom for 2011-12. Mr N. Chandrasekaran, MD & CEO of TCS will be the Vice-Chairman.
• The top four IT services companies (TCS, Infosys, Wipro, HCL Tech) now employ an aggregate 5.25 lakh professionals, 19% more than the year-ago.
• The recent survey by Ma Foi Randstad, predicts that IT sector will add close to 1.83 lakh jobs in 2011.

ICT News: Government, Compliance
• DoT to roll out wireless broadband network in villages with tariffs at Rs 99 pm with 500 Mb of free download; Rs 400 pm with 10 GB free download & for Govt. institutions Rs. 800 pm with an unlimited download.
• The existing rules relating to security norms to be replaced by a fresh set of guidelines whereby the onus of keeping telecom networks secure would be put on the operators instead of the vendors.
• TRAI to meet industry to discuss the policy for boosting local equipment manufacturing and suggests a no. of measures to encourage Indian manufacturers that will cost the exchequer Rs 1 lakh cr over a 10-year period.
• TRAI and DoT to differ on the proposed National Broadband Plan. TRAI had earlier suggested setting up an independent agency – National Optic Fibre Agency (NOFA) – to execute the Rs 60,000 cr project. DoT, however, wants BSNL to take up the job.

ICT News: Company News: Tie-ups, Joint Ventures, New Initiatives
• EMC expands customer support to 100 cities
• Tulip Telecom is partnering with IBM to set up a 9-lakh sq ft data centre touted to be the largest in Asia Pacific and the third largest in the world in Bangalore at a cost of Rs 900 cr over three years.
• HP comes up with a cost saving compact mobile data-centre shaped like a container. The 20-feet container data centre ‘HP POD’, can be stationed even in a parking lot.
• Pearson India is scouting for private schools across the country where it plans to pick up majority stake to “purchase management control”.
• Bharti Group plans to invest about $3 b for expanding its telecom operations in this fiscal.
• Citrix Systems has announced the ‘Global Challenge 2011’, an opportunity for entrepreneurs to compete for up to $4,00,000 (Rs 1.75 cr) from the Citrix Startup Accelerator, the company's global seed investment initiative.
• Nokia plans to launch its dual-SIM phones in India soon.
• Educomp Solutions Ltd in partnership with Great Lakes Institute of Management to invest Rs 150 cr in setting up more campuses across the country and platforms for e-learning.
• Airtel's three lakh customers in Chennai can now pay their electricity bills or recharge their Airtel services through its mCommerce offering, Airtel Money.
• Microsoft's to buy Internet communications company Skype in cash for $8.5 b.
• China’s largest provider of solar-powered units for telecom towers Xintong to tap the Indian market through a joint venture with Alta Xintong Solar Tech Pvt Ltd.
• Texas Instruments to deliver 3D technology in Govt schools so that learning becomes an immersive experience, bringing down dropout rates.
• GSM operators added over 11 m new subscribers in April 2011 taking the total to 580 m.

Books

Brief reviews of books useful to students and professionals are included in this column. The publishers -- Oxford University Press, Shroff Publishers & Distributors Pvt Ltd, Wiley India Pvt Ltd and Infycareer Pvt Ltd have come forward to present the books to the winners of the Info Quiz.

Quality Management: This book explains the core concepts of quality management through practical applications and supplements them with numerous solved examples, caselets, and detailed case studies dealing with Indian companies. Beginning with an overview of quality management, the book discusses in detail quality function deployment, acceptance sampling, statistical process control, and quality standards. It goes on to discuss software quality management, total quality management, Six Sigma, and experimental design and the Taguchi method. Finally, it discusses service quality management, cost of quality, and quality management strategies for Indian industry. This is a comprehensive book and will meet the needs of management, IT students and working professionals. Author: Kanishka Bedi. Published by: Oxford University Press. Pages: 728. Price: Rs.385/- More about the book at http://goo.gl/UOqvG (This book is being given as a prize to the Info Quiz Winners)

Online Marketing: A customer led approach: This book, provides an excellent and stimulating balance between theory and practice by recognizing the advantages and drawbacks of doing business online. The text is embedded in traditional marketing concepts and examines their evolution as we understand more from online customer experiences. The authors believe that, despite the availability of new online tools, the customer should remain the central focus in all transactions and experiences. Supported by contemporary mini-cases, case studies and expert opinion from leading practitioners, the text comprehensively covers: the changing online environment; online planning and evolving business models; application of ICT to achieve marketing objectives; changing online elements of the marketing mix; legal aspects impacting on online marketers. In essence, it provides a comprehensive account of the most up-to-date issues facing the developing world of internet marketing and will be useful to working professionals and students studying Internet marketing, E-Commerce, E-Business. Authors: Richard Gay, Alan Charlesworth, Rita Esen. Published by: Oxford University Press. Pages: 538. Price: Rs.427/- More about the book at http://goo.gl/iNJtK (This book is being given as a prize to the Info Quiz Winners)

The Art of Creative Destruction - Illustrated Software Testing & Test Automation: This book comprehensively covers all aspects of software testing starting from an overview of testing, testing methodologies, developing test cases, test automation, testing tools, promoting quality testing, automated functional testing methodology, agile testing and deals with practical aspects of testing. Further, certain special topics that are unique and hard to find elsewhere are also featured. The book has diagrammatic illustrations and is written in a simple and concise style. The book is meant both for the techies and for the non-techie. Developers, designers, project leads, project managers will find it useful, besides testers and developers of test automation. End-users conducting user acceptance testing and Top Management, planning/ reviewing software testing, will also find it useful. Authr: Rajnikanat Puranik. Published by: Shroff Publishers & Distributors Pvt Ltd. Pages: 248. Price: Rs. 400/- More about the book at http://goo.gl/F5pBr Readers of CSI-eNL can get this book at 15% discount with free shipping. Contact: spdchennai@shroffpublishers.com (This book is being given as a prize to the Info Quiz Winners)

Break Your Negative Attitude: In this book, the author guides readers to lead from knowledge to the realisation and also helps them in overcoming the negative attitude. The author clearly brings about that optimism and pessimism is a state, which lies in the mind. After an introductory chapter, the author explains who is a positive person and talks about negative mental attitudes and their origin. The measures to change from negativism to positivism are dealt in details. Readers will find this book as a source of insights and inspiration. Author: Dr. C.S. Mishra. Published by: Shroff Publishers & Distributors Pvt Ltd. Pages: 114. Hardback. Price: Rs.125/- More about the book at http://goo.gl/Fksgb Readers of CSI-eNL can get this book at 15% discount with free shipping. Contact: spdchennai@shroffpublishers.com (This book is being given as a prize to the Info Quiz Winners)

Cyber Security: Understanding Cyber Crimes, Computer Forensics and Legal Perspectives: This book, focusing on cyberthreats and cybersecurity, provides the much needed awareness in the times of growing cybercrime episodess. The comprehensive treatment of important topic – cybersecurity helps readers to understand the implications of cybercrime. It provides adequate orientation on laws in reference to cybercrime and cybersecurity taking into account the Indian as well as global scenario. It also creates awareness through simple practical tips and tricks, educates readers to learn how to avoid becoming victims of cybercrime. It features well-presented case illustrations and examples from real life to underline the
significance of topics addressed in each chapter. The accompanying CD contains guidelines, checklists and handy reference material as well as laws relevant to Indian IT Act. This book will be useful for building awareness about cyber crimes and cyber security among individuals, students, industry professionals, legal professionals as well as cybercrime investigators. Candidates appearing for international certification exams such as the CISA, CISM etc., may also find this book helpful. Authors: Nina Godbole & Sunit Belapure Published by: Wiley India Pvt Ltd. Pages: 636. Price: Rs449/- More about the book at http://goo.gl/VuQAE Readers of CSI-eNL can get this book at 20% discount with free shipping. Contact: abbhardwaj@wiley.com (This book is being given as a prize to the Info Quiz Winners)

Road to Success - Project Management & PMP: This book, prepared based on the 4th edition of PMBOK serves as a practical study guide and helps the aspiring Project Management Professionals towards certification and honing their project management skills. This book covers all the 42 project management processes that are grouped under 5 process groups and 9 knowledge areas as per PMBOK guide. Few general interest topics such as General Management Skills, Fundamentals of Costing, Operations Research are that are essential for understanding the project management are also included. Practice questions (with answers) included at the end of the chapters help in testing the understanding. Author: A. Chandrasekaran (Vice Chairman -2011 and Chairman Elect - 2012 of CSI Chennai Chapter). Published by Infycareer Pvt Ltd. Pages: 436. Price: Rs. 650/- Readers of CSI-eNL can get this book at 20% discount with free shipping. Contact: info@infocareers.com (This book is being given as a prize to the Info Quiz Winners)

InfoQuiz–2011-06-01 (EIGHT Prizes to Win – SIX Books & TWO Awards of Rs. 500/-)

1. Who is the author of the book “Idea Man”
2. Quality Guru J.M. Juran has defined quality as “Conformance to Specifications”. State True or False.
3. The book “Bangalore Tiger” written by Steve Hamm is about the IT major ------
4. Name the banker who has been recently appointed as the Chairman of Infosys.
5. The company ------ currently has the celebrity actor Jackie Chan as its product spokesman

Email your answers by 20th June 2011 to csi.infoquiz@gmail.com with subject “infoquiz-2011-06-01”. Please provide your name, designation, company/institution, full postal address (to send the prize) and the 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), Oxford University Press (www.oup.co.in), Shroff Publishers & Distributors Pvt Ltd (www.shroffpublishers.com), Wiley India Pvt Ltd (www.wileyindia.com) and Infycareer Pvt Ltd (www.infycareer.com) will present the books which are briefly reviewed above. In all, there will be EIGHT prizes – TWO cash prizes of Rs. 500/- each and SIX prizes of one book each. Answers along with the winner info will be published in the next issue.

Answers & Winners of InfoQuiz-2011-05-01

- Arthur C. Clarke, TCS, EMC, Disaster Recovery / Data Recovery, Happiest Minds
- Awards of Rs. 500/= each from SRA Systems: Ms. Vandana Karande from Navi Mumbai and Ms. M. Bhuvaneshwari from Erode.
- Two books from Oxford University Press: “Knowledge Management in Organizations” to Mr. M. Anbazhagan from Chennai & “Business Communication” to Mr. Thomas Johnson from Trivandrum
- One book from Wiley India Pvt Ltd: “Cloud Computing: Insights into New-Era Infrastructure” to Mr. G. Santhosh Kumar from Cochin

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CSI-eNewsletter is a compilation of information from different sources which would be of interest to ICT professionals, academicians and students and serve as reference. Pl. note that we do not endorse products/services referred in the newsletter. The CSI-eNL is published on 1st of every month. For the archives, pl. visit http://www.csi-chennai.org/csi-enl/csi-enl-archives.htm or at http://www.csi-india.org/web/csi/archives

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Readers are welcome to contribute to the eNewsletter by sharing interesting information they come across and also provide feedback, by emailing us at hrmohan.csi@gmail.com

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