

trusted computing platforms

tcpa technology in context

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- Trusted computing platforms: what they are, how they work, and what they offer
- Breakthrough low-cost approaches to protecting data, applications, and user privacy
- The TCRA specification for both developers and managers
- The TCRA initiative: background, status, and future



Trusted Computing Platforms Tcpc Technology In Context

Simone Fischer-Hübner



Trusted Computing Platforms Tcpc Technology In Context:

Trusted Computing Platforms Siani Pearson, Boris Balacheff, 2003 The TCPA 1.0 specification finally makes it possible to build low cost computing platforms on a rock solid foundation of trust In Trusted Computing Platforms leaders of the TCPA initiative place it in context offering essential guidance for every systems developer and decision maker They explain what trusted computing platforms are how they work what applications they enable and how TCPA can be used to protect data software environments and user privacy alike

Trusted Computing Liqun Chen, Chris J. Mitchell, Andrew Martin, 2009-03-26 This volume contains the 15 papers presented in the technical strand of the Trust 2009 conference held in Oxford UK in April 2009 Trust 2009 was the second international conference devoted to the technical and socio economic aspects of trusted computing The conference had two main strands one devoted to technical aspects of trusted computing addressed by these proceedings and the other devoted to socio economic aspects Trust 2009 built on the successful Trust 2008 conference held in Villach Austria in March 2008 The proceedings of Trust 2008 containing 14 papers were published in volume 4968 of the Lecture Notes in Computer Science series The technical strand of Trust 2009 contained 15 original papers on the design and application of trusted computing For these proceedings the papers have been divided into four main categories namely Implementation of trusted computing Attestation PKI for trusted computing Applications of trusted computing The 15 papers included here were selected from a total of 33 submissions The refereeing process was rigorous involving at least three and mostly more independent reports being prepared for each submission We are very grateful to our hard working and distinguished Program Committee for doing such an excellent job in a timely fashion We believe that the result is a high quality set of papers some of which have been significantly improved as a result of the refereeing process We would also like to thank all the authors who submitted their papers to the technical strand of the Trust 2009 conference all external referees and all the attendees of the conference

NETWORKING 2005. Networking Technologies, Services, and Protocols; Performance of Computer and Communication Networks; Mobile and Wireless Communications Systems Raouf

Boutaba, Kevin Almeroth, Ramon Puigjaner, Sherman Shen, James P. Black, 2005-05-02 This book constitutes the refereed proceedings of the 4th International IFIP TC6 Networking Conference NETWORKING 2005 held in Waterloo Canada in May 2005 The 105 revised full papers and 36 posters were carefully reviewed and selected from 430 submissions The papers are organized in topical sections on peer to peer networks Internet protocols wireless security network security wireless performance network service support network modeling and simulation wireless LAN optical networks Internet performance and Web applications ad hoc networks adaptive networks radio resource management Internet routing queuing models monitoring network management sensor networks overlay multicast QoS wireless scheduling multicast traffic management and engineering mobility management bandwidth management DCMA and wireless resource management

Advanced Information Technology, Services and Systems Mostafa Ezziyani, Mohamed Bahaj, Faddoul Khoukhi, 2017-11-10 This

book includes the proceedings of the International Conference on Advanced Information Technology Services and Systems AIT2S 17 held on April 14 15 2017 in Tangier Morocco Presenting the latest research in the field it stimulates debate discusses new challenges and provides insights into the field in order to promote closer interaction and interdisciplinary collaboration between researchers and practitioners Intended for researchers and practitioners in advanced information technology management and networking the book is also of interest to those in emergent fields such as data science and analytics big data Internet of Things smart networked systems artificial intelligence and expert systems pattern recognition and cloud computing

Trusted Systems Liqun Chen, Moti Yung, 2011-11-19 This book constitutes the proceedings of the International Conference on Trusted Systems held in Beijing China in December 2010 The 23 contributed papers presented together with nine invited talks from a workshop titled Asian Lounge on Trust Security and Privacy were carefully selected from 66 submissions The papers are organized in seven topical sections on implementation technology security analysis cryptographic aspects mobile trusted systems hardware security attestation and software protection

Bootstrapping Trust in Modern Computers Bryan Parno, Jonathan M. McCune, Adrian Perrig, 2011-08-27 Trusting a computer for a security sensitive task such as checking email or banking online requires the user to know something about the computer's state We examine research on securely capturing a computer's state and consider the utility of this information both for improving security on the local computer e.g. to convince the user that her computer is not infected with malware and for communicating a remote computer's state e.g. to enable the user to check that a web server will adequately protect her data Although the recent Trusted Computing initiative has drawn both positive and negative attention to this area we consider the older and broader topic of bootstrapping trust in a computer We cover issues ranging from the wide collection of secure hardware that can serve as a foundation for trust to the usability issues that arise when trying to convey computer state information to humans This approach unifies disparate research efforts and highlights opportunities for additional work that can guide real world improvements in computer security

Proceedings of ... ACM Symposium on Access Control Models and Technologies, 2005 **ACM Conference on Computer and Communications Security**, 2005

Security for Mobile Networks and Platforms Selim Aissi, Nora Dabbous, Anand Prasad, 2006 With viruses spyware and a seemingly unending onslaught of new cyber threats security is a crucial and constant concern in the mobile communications industry Helping you become a mobile security specialist this timely resource explains the essentials of the latest security standards and protocols Covering each type of mobile technology from WiFi to Bluetooth the book details each technology's weaknesses and provides you with comprehensive countermeasures Most importantly the book pinpoints security issues encountered end to end throughout an entire mobile network You find a complete catalog of security vulnerabilities to ensure that every security measure is taken Moreover this forward looking reference includes a practical hands on discussion of promising next generation research into mobile security that helps prepare you for the ever looming

next waves of security threats Publisher's website

Symposium ,2005 Security and Privacy in Dynamic Environments Simone Fischer-Hübner,2006-04-25 This book contains the Proceedings of the 21st IFIP TC 11 International Information Security Conference IFIPSEC 2006 on Security and Privacy in Dynamic Environments held in May 22-24 2006 in Karlstad Sweden The first IFIPSEC conference was arranged in May 1983 in Stockholm Sweden one year before TC 11 was founded with the active participation of the Swedish IT Security Community The IFIPSEC conferences have since then become the flagship events of TC 11 We are very pleased that we succeeded with our bid to after 23 years hold the IFIPSEC conference again in Sweden The IT environment now includes novel dynamic approaches such as mobility wearability ubiquity ad hoc use mindbody orientation and businessmarket orientation This modern environment challenges the whole information security research community to focus on interdisciplinary and holistic approaches whilst retaining the benefit of previous research efforts Papers offering research contributions focusing on dynamic environments in addition to other aspects of computer security and privacy were solicited for submission to IFIPSEC 2006 We received 141 submissions which were all reviewed by at least three members of the international program committee

Annales des télécommunications ,2006 Hacking Exposed Linux ISECOM,2007-08-22 The Latest Linux Security Solutions This authoritative guide will help you secure your Linux network whether you use Linux as a desktop OS for Internet services for telecommunications or for wireless services Completely rewritten the ISECOM way Hacking Exposed Linux Third Edition provides the most up to date coverage available from a large team of topic focused experts The book is based on the latest ISECOM security research and shows you in full detail how to lock out intruders and defend your Linux systems against catastrophic attacks Secure Linux by using attacks and countermeasures from the latest OSSTMM research Follow attack techniques of PSTN ISDN and PSDN over Linux Harden VoIP Bluetooth RF RFID and IR devices on Linux Block Linux signal jamming cloning and eavesdropping attacks Apply Trusted Computing and cryptography tools for your best defense Fix vulnerabilities in DNS SMTP and Web 2.0 services Prevent SPAM Trojan phishing DoS and DDoS exploits Find and repair errors in C code with static analysis and Hoare Logic

Books In Print 2004-2005 Ed Bowker Staff,Staff Bowker, Ed,2004 *Proceedings of the ... Annual ACM Symposium on Principles of Distributed Computing ,2003*

Proceedings of the Twenty-Second Annual ACM Symposium on Principles of Distributed Computing ,2003 This paper presents an efficient asynchronous protocol to compute RSA inverses with respect to a public RSA modulus N whose factorization is secret and shared among a group of parties Given two numbers x and e the protocol computes y such that $ye \equiv x \pmod{N}$ A synchronous protocol for this task has been presented by Catalano Gennaro and Halevi Eurocrypt 2000 but the standard approach for turning this into an asynchronous protocol would require a Byzantine agreement sub protocol Our protocol adopts their approach but exploits a feature of the problem in order to avoid the use of a Byzantine agreement primitive Hence it leads to efficient asynchronous protocols for threshold signatures and for Byzantine agreement based on the strong RSA assumption without the use of

random oracles **TCPA** ,1999* **Berkeley Technology Law Journal** ,2003 *The British National Bibliography*
Arthur James Wells,2003 Information Security Applications ,2004

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